Quantitation Report (Qedit)

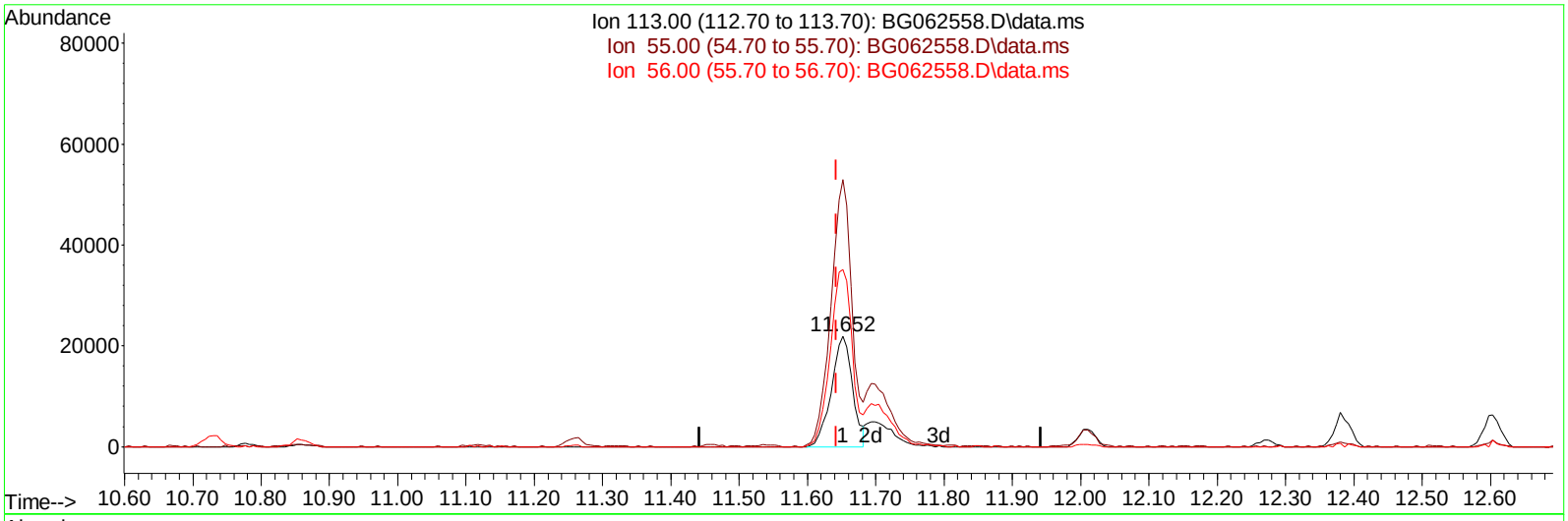
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082224\
Data File : BG062558.D
Acq On : 23 Aug 2024 3:33
Operator : MA/JU
Sample : P3673-22MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

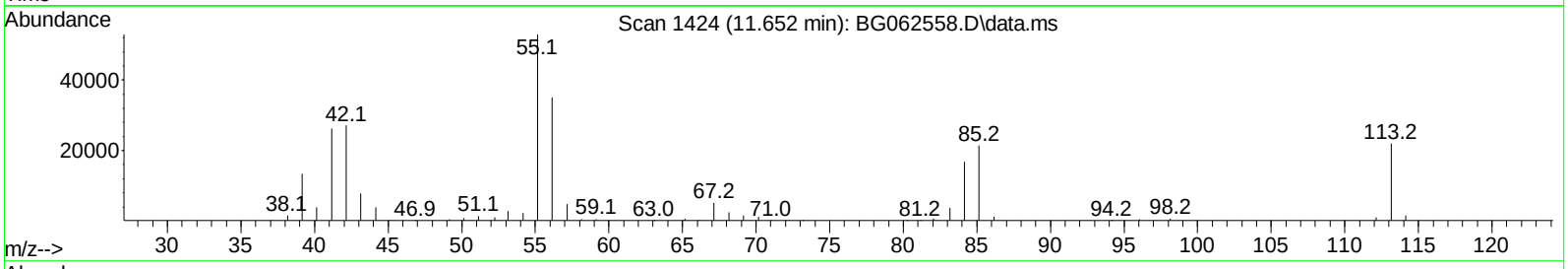
Quant Time: Aug 23 04:12:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

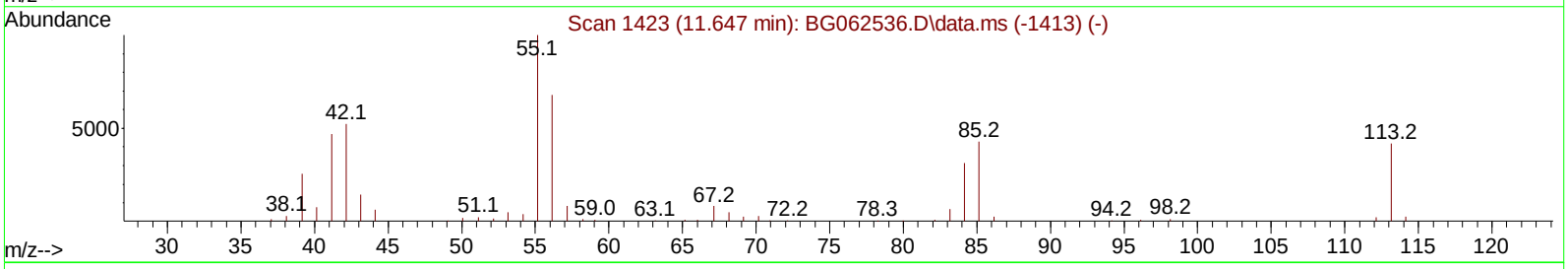
Instrument :
BNA_G
ClientSampleId :
DCXZ4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024







TIC: BG062558.D\data.ms

(34) Caprolactam

11.652min (+ 0.010) 24.20 ng/ul

response 47173

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	240.95
56.00	178.20	159.71
0.00	0.00	0.00

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Misc :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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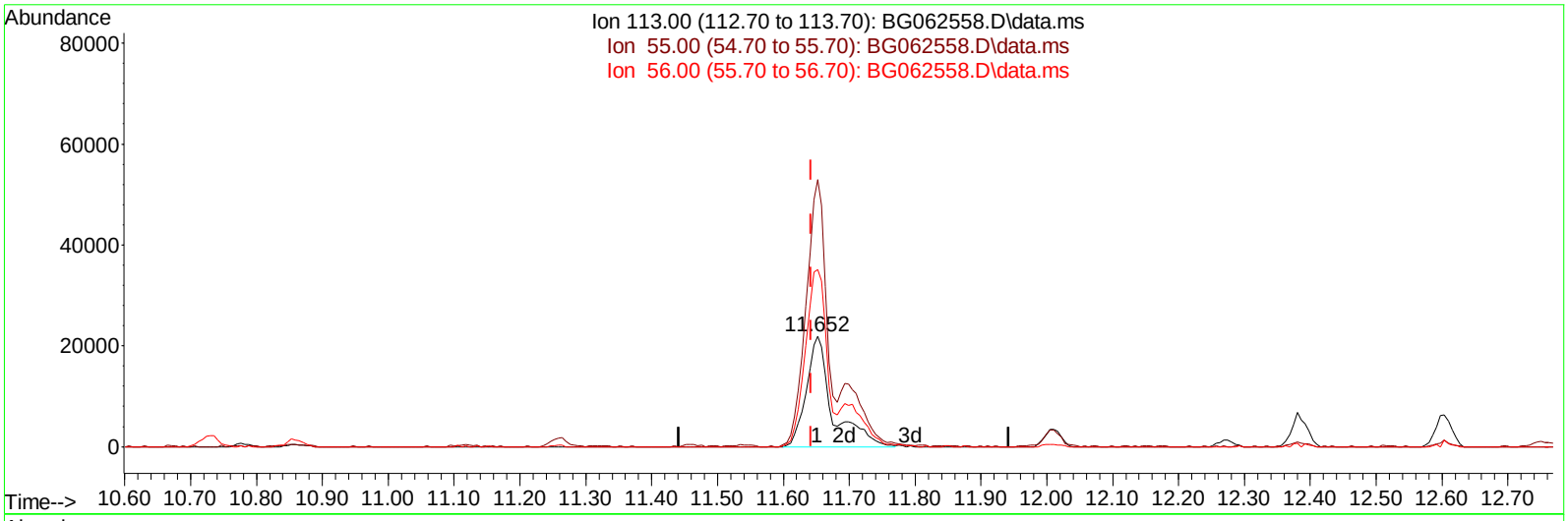

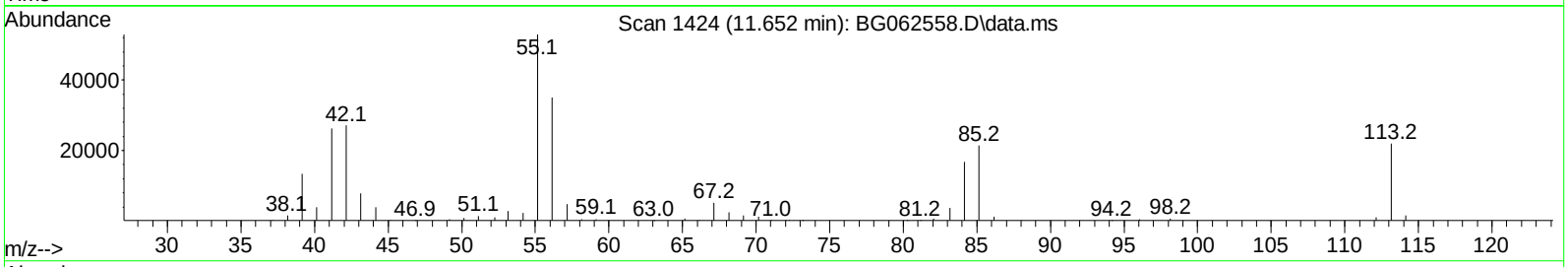

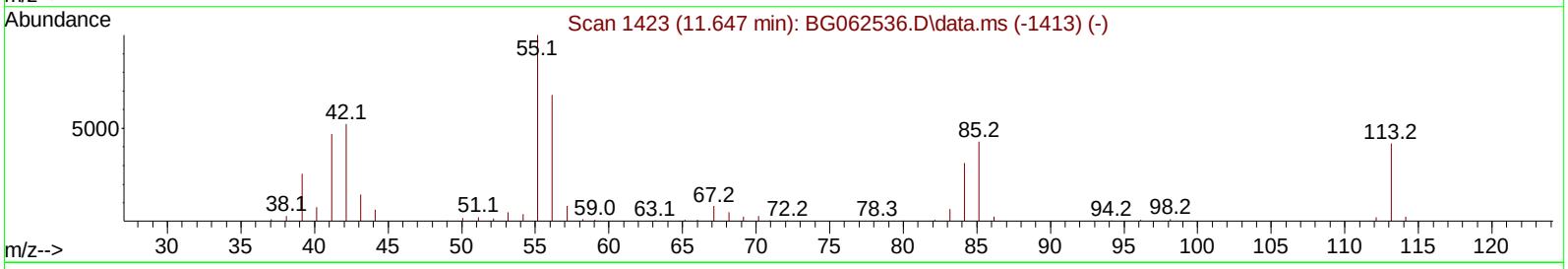

TIC: BG062558.D\data.ms

(34) Caprolactam

11.652min (+ 0.010) 31.02 ng/ul m

response 60469

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	240.95
56.00	178.20	159.71
0.00	0.00	0.00

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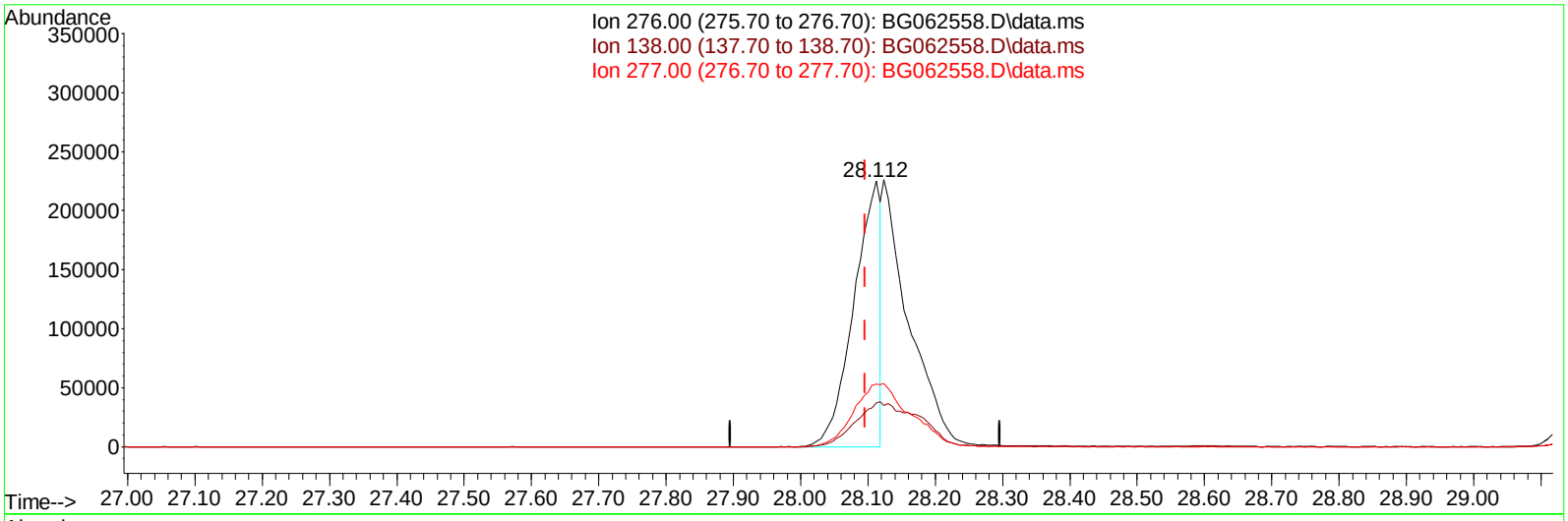

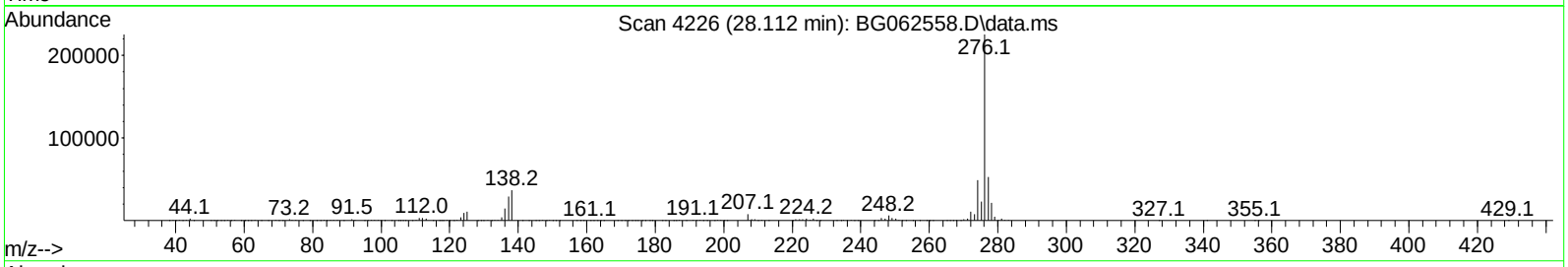

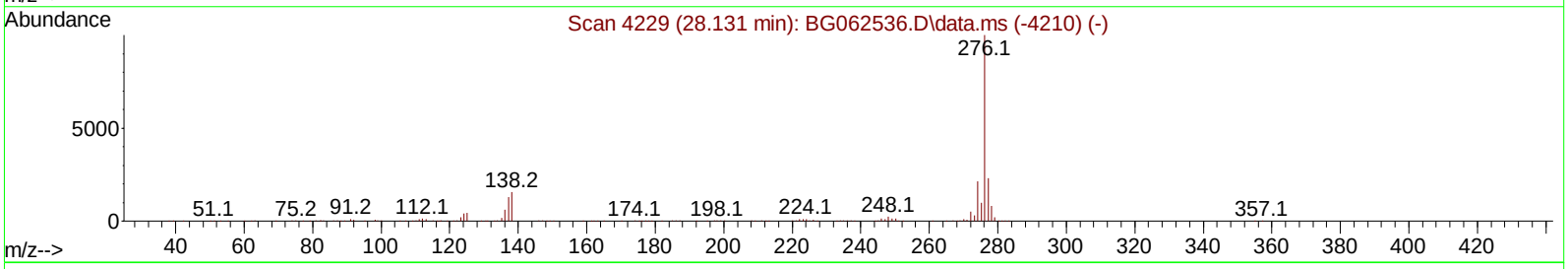

TIC: BG062558.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.112min (+ 0.016) 17.71 ng/ul

response 616507

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	16.42
277.00	24.00	23.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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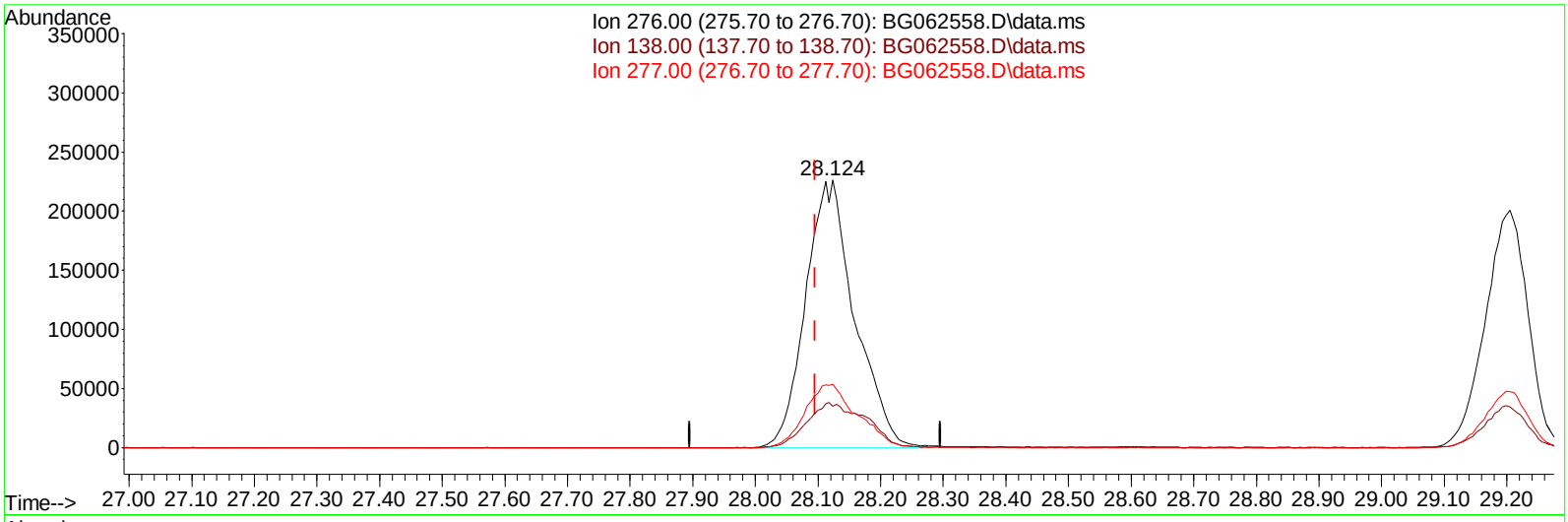

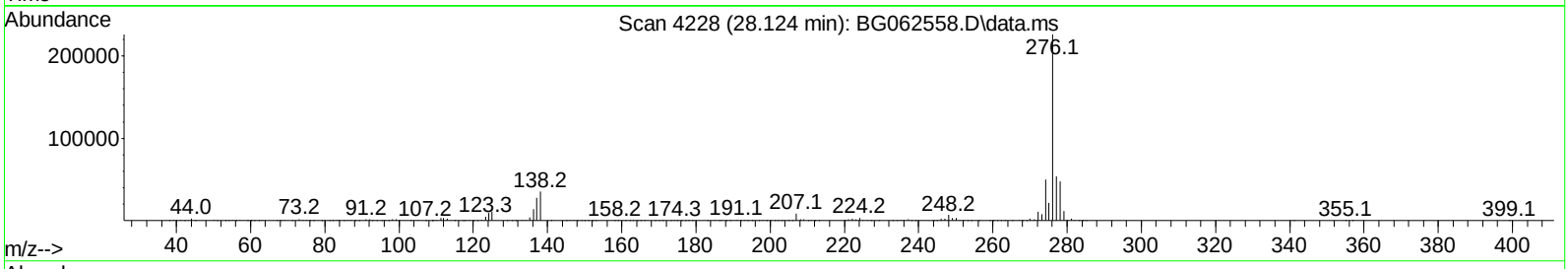

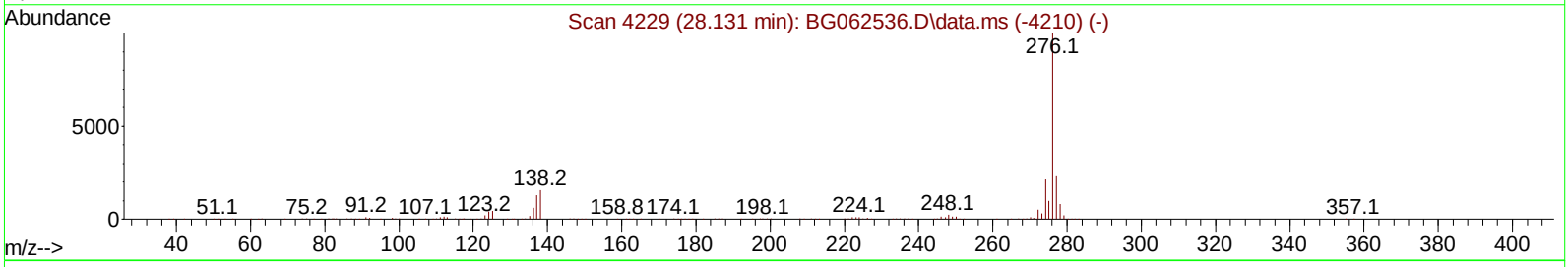

TIC: BG062558.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.124min (+ 0.028) 35.29 ng/ul m

response 1228864

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	15.53
277.00	24.00	23.68
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 23 Aug 2024 3:33
Operator : MA/JU
Sample : P3673-22MSD
Misc :
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Quant Time: Aug 23 04:15:45 2024
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ClientSampleId :
DCXZ4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/23/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	59525	20.000	ng/ul	0.00
20) Naphthalene-d8	10.730	136	289629	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	229494	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.303	188	488575	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	427363	20.000	ng/ul	0.00
88) Perylene-d12	24.634	264	481045	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	7067	4.508	ng/uL	0.00
4) Pyridine-d5	3.804	84	45623	9.550	ng/ul	0.00
7) Phenol-d5	7.099	99	172313	29.099	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	95932	25.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	120943	29.899	ng/ul	0.00
15) 4-Methylphenol-d8	8.638	113	144867	29.186	ng/ul	0.00
21) Nitrobenzene-d5	9.091	128	63762	34.329	ng/ul	0.00
24) 2-Nitrophenol-d4	9.807	143	71132	38.498	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.348	165	153789	32.679	ng/ul	0.00
31) 4-Chloroaniline-d4	10.859	131	187030	25.060	ng/ul	0.00
46) Dimethylphthalate-d6	13.966	166	480677	26.927	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	530814	26.856	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	76383	26.822	ng/ul	0.00
60) Fluorene-d10	15.553	176	435242	27.033	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.664	200	86337	38.893	ng/ul	0.00
73) Anthracene-d10	17.403	188	650765	27.727	ng/ul	0.00
81) Pyrene-d10	19.688	212	748969	29.925	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.423	264	755054	29.576	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	20676	12.355	ng/uL	95
5) Pyridine	3.821	79	162171	32.261	ng/ul	96
6) Benzaldehyde	7.076	77	118495	38.601	ng/ul	98
8) Phenol	7.129	94	230509	37.097	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.358	93	154495	33.602	ng/ul	99
12) 2-Chlorophenol	7.505	128	161476	38.593	ng/ul	99
13) 2-Methylphenol	8.374	108	174599	37.341	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.456	45	331787	34.961	ng/ul	98
16) Acetophenone	8.750	105	272649	33.532	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.744	70	141891	33.069	ng/ul	98
18) 4-Methylphenol	8.703	108	195613	36.525	ng/ul	98
19) Hexachloroethane	9.014	117	63359	38.057	ng/ul	99
22) Nitrobenzene	9.132	77	206452	39.351	ng/ul	97
23) Isophorone	9.655	82	397316	32.066	ng/ul	99
25) 2-Nitrophenol	9.843	139	97399	47.185	ng/ul	98
26) 2,4-Dimethylphenol	9.901	107	177195	31.477	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.136	93	237647	34.482	ng/ul	98
29) 2,4-Dichlorophenol	10.377	162	188937	39.095	ng/ul	98
30) Naphthalene	10.777	128	564807	33.624	ng/ul	99
32) 4-Chloroaniline	10.882	127	196325	27.058	ng/ul	100
33) Hexachlorobutadiene	11.070	225	125807	34.246	ng/ul	98
34) Caprolactam	11.652	113	60469m	31.023	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	216528	38.291	ng/ul	99

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DCXZ4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/23/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.386	142	413019	34.817	ng/ul	96
37) 1-Methylnaphthalene	12.604	142	411795	34.023	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.750	216	260324	33.969	ng/ul	99
40) Hexachlorocyclopentadiene	12.733	237	114421	29.128	ng/ul	99
41) 2,4,6-Trichlorophenol	12.991	196	166457	37.759	ng/ul	96
42) 2,4,5-Trichlorophenol	13.062	196	180440	38.985	ng/ul	97
43) 1,1'-Biphenyl	13.397	154	585060	33.650	ng/ul	99
44) 2-Chloronaphthalene	13.438	162	459739	34.172	ng/ul	99
45) 2-Nitroaniline	13.632	65	151434	43.457	ng/ul	98
47) Dimethylphthalate	14.013	163	581262	32.117	ng/ul	99
48) 2,6-Dinitrotoluene	14.131	165	116235	44.968	ng/ul#	89
50) Acenaphthylene	14.284	152	712872	33.686	ng/ul	99
51) 3-Nitroaniline	14.460	138	113729	38.617	ng/ul	99
52) Acenaphthene	14.624	153	519403	32.796	ng/ul	98
53) 2,4-Dinitrophenol	14.660	184	74408	45.637	ng/ul	95
55) 4-Nitrophenol	14.771	109	87371	35.743	ng/ul	92
56) Dibenzofuran	14.959	168	732401	32.874	ng/ul	98
57) 2,4-Dinitrotoluene	14.918	165	170878	43.429	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.182	232	162859	36.597	ng/ul	94
59) Diethylphthalate	15.382	149	583461	32.304	ng/ul	98
61) Fluorene	15.605	166	557635	31.756	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.600	204	291702	32.326	ng/ul	99
63) 4-Nitroaniline	15.623	138	114766	37.282	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.682	198	112691	45.054	ng/ul#	98
67) N-Nitrosodiphenylamine	15.811	169	496135	35.030	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	199280	36.344	ng/ul	97
69) Hexachlorobenzene	16.610	284	223932	35.054	ng/ul	99
70) Atrazine	16.763	200	146549	24.815	ng/ul	99
71) Pentachlorophenol	16.951	266	134554	36.094	ng/ul	99
72) Phenanthrene	17.344	178	908652	33.098	ng/ul	99
74) Anthracene	17.438	178	904331	32.157	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.356	216	256961	36.791	ng/ul	98
76) Pentachlorobenzene	14.877	250	256966	35.074	ng/ul	97
77) Carbazole	17.703	167	751797	31.825	ng/ul	99
78) Di-n-butylphthalate	18.267	149	956298	33.839	ng/ul	99
80) Fluoranthene	19.353	202	1021676	36.540	ng/ul	98
82) Pyrene	19.717	202	1073508	35.621	ng/ul	99
83) Butylbenzylphthalate	20.610	149	400905	39.493	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	264513	28.358	ng/ul#	94
85) Benzo(a)anthracene	21.527	228	1069762	34.487	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	580838	39.163	ng/ul	99
87) Chrysene	21.591	228	1003088	34.110	ng/ul	98
89) Di-n-octyl phthalate	22.619	149	1010718	39.396	ng/ul	100
90) Benzo(b)fluoranthene	23.659	252	1026828	35.335	ng/ul	97
91) Benzo(k)fluoranthene	23.724	252	1013970	34.569	ng/ul	99
93) Benzo(a)pyrene	24.488	252	922384	33.669	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.124	276	1228864m	35.292	ng/ul	
95) Dibenzo(a,h)anthracene	28.171	278	1004507	35.591	ng/ul#	97
96) Benzo(g,h,i)perylene	29.205	276	953741	35.615	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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