Quantitation Report (Qedit)

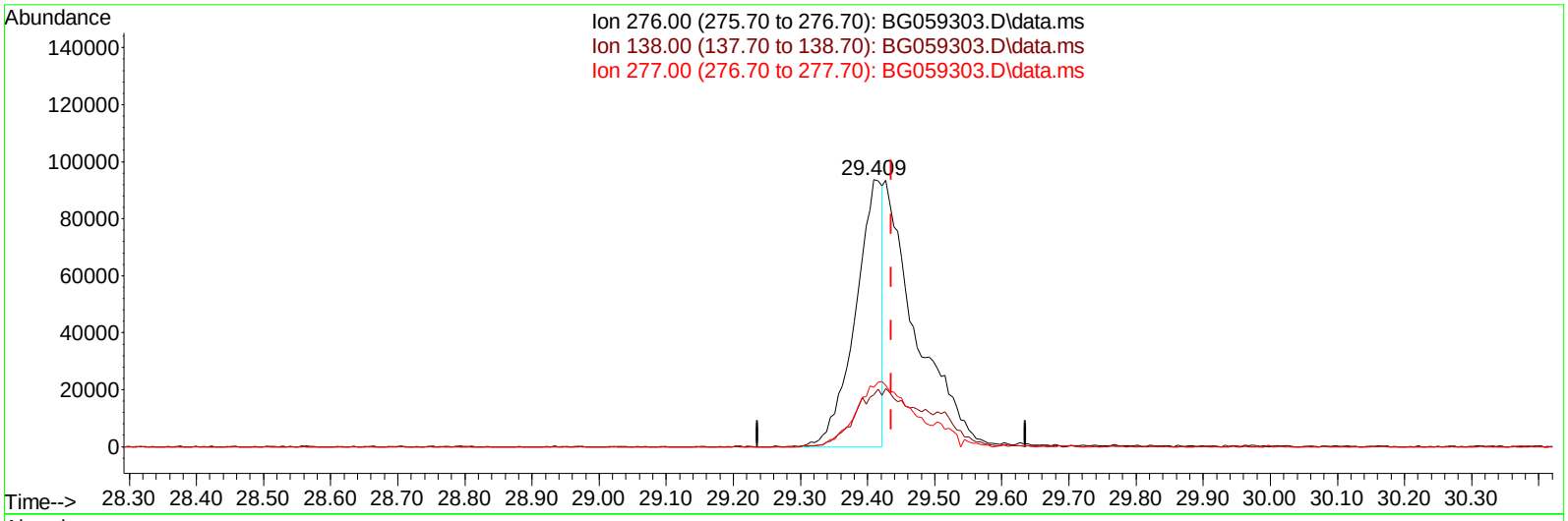
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059303.D
Acq On : 5 Oct 2023 19:27
Operator : MA/JU
Sample : PB156012BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

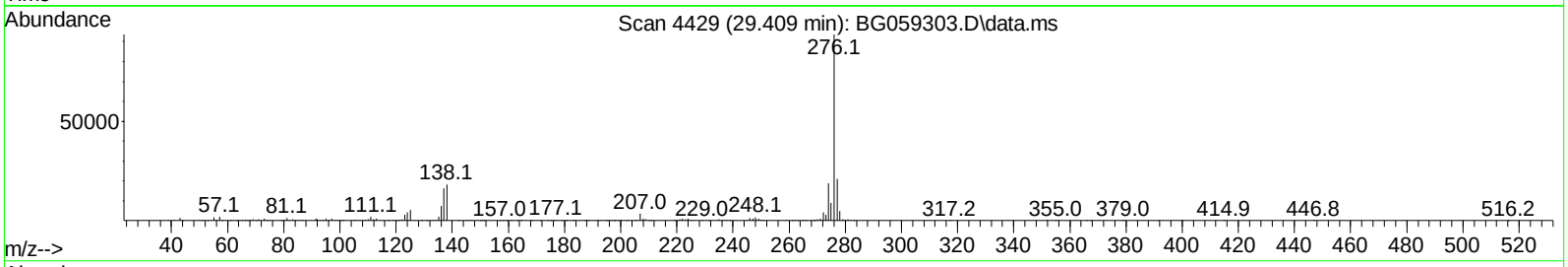
Quant Time: Oct 05 22:40:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

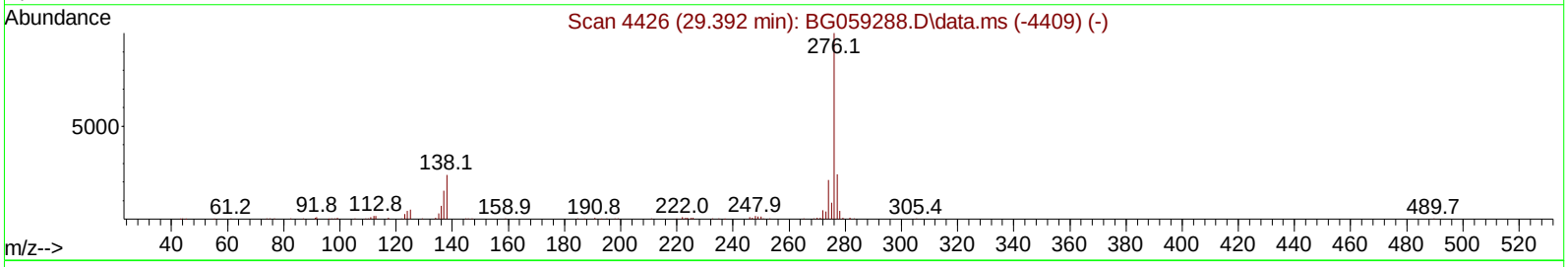
Instrument :
BNA_G
ClientSampleId :
SLCS012

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023







TIC: BG059303.D\data.ms

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

29.409min (-0.026) 13.68 ng/ul

response 261801

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	19.56
277.00	23.30	22.39
0.00	0.00	0.00

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ClientSampleId :
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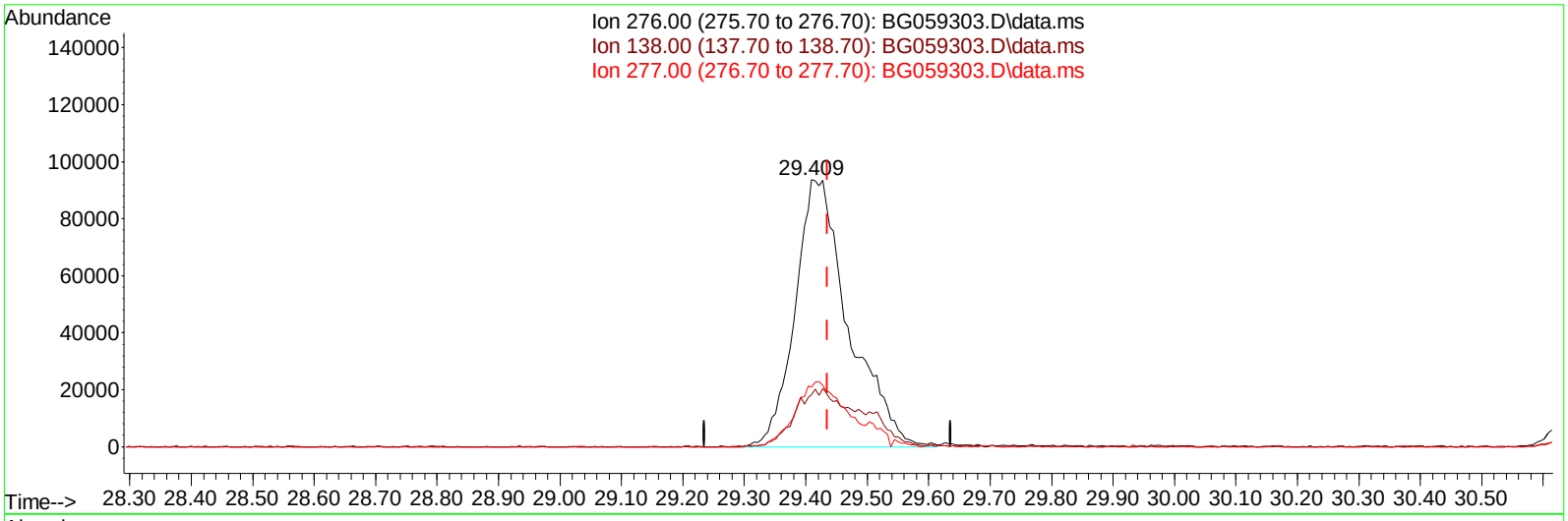

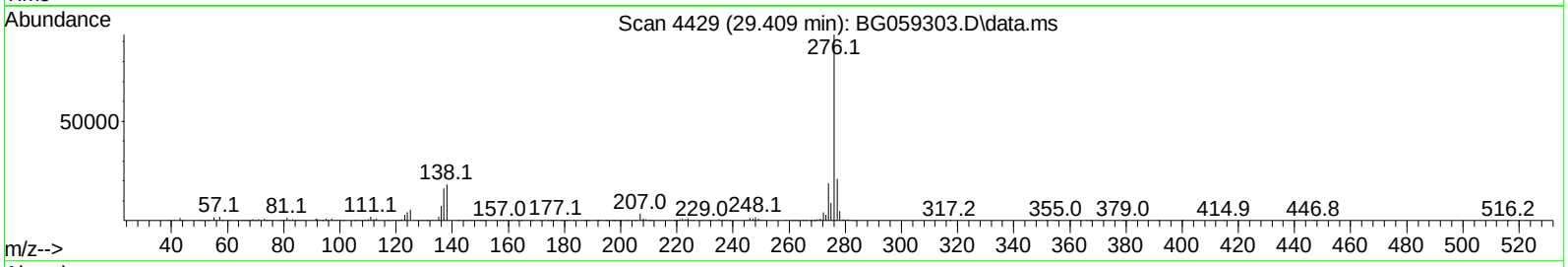

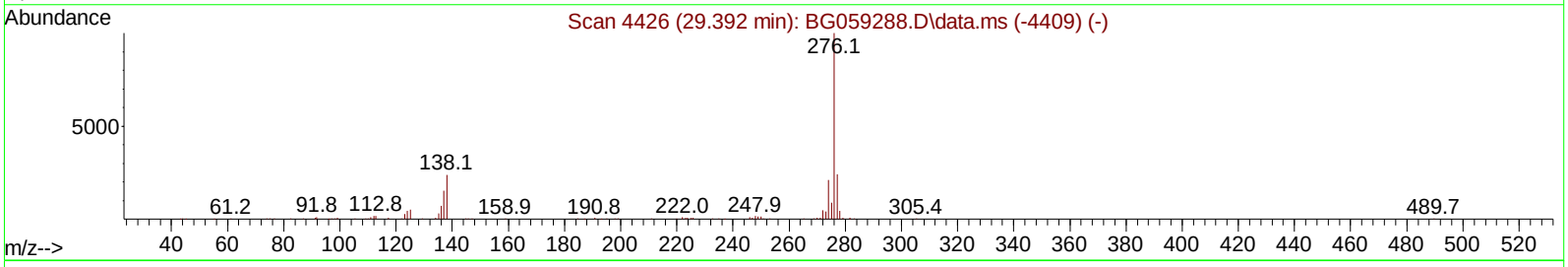

TIC: BG059303.D\data.ms

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

29.409min (-0.026) 29.72 ng/ul m

response 568804

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	19.56
277.00	23.30	22.39
0.00	0.00	0.00

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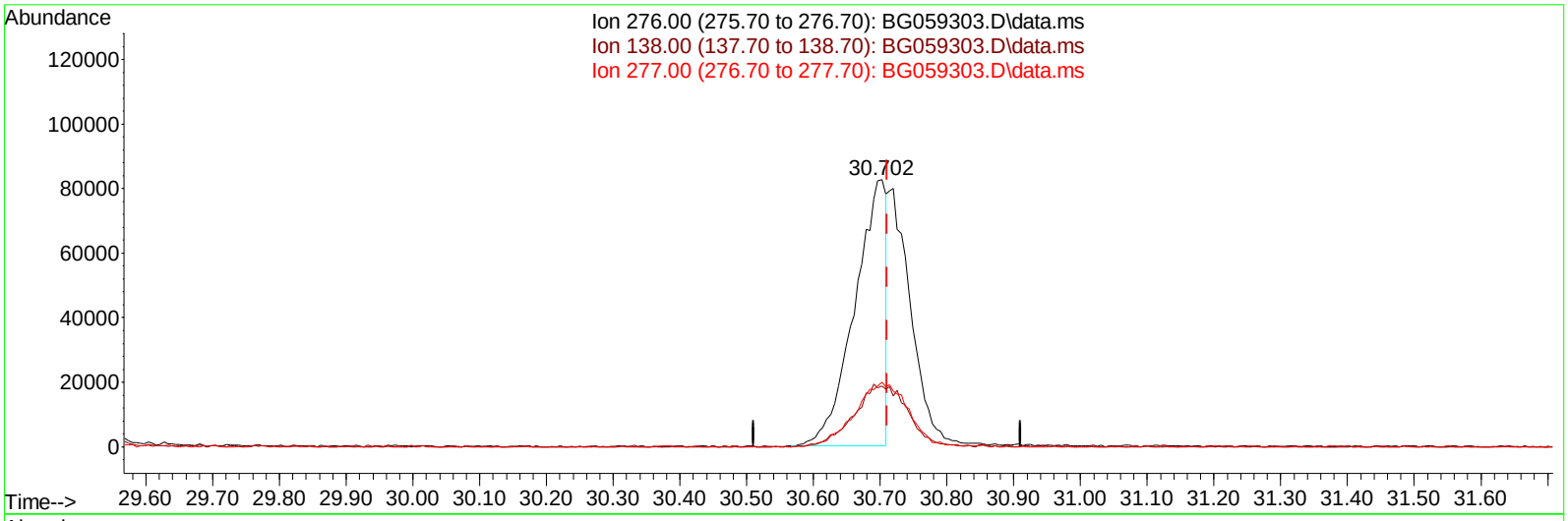

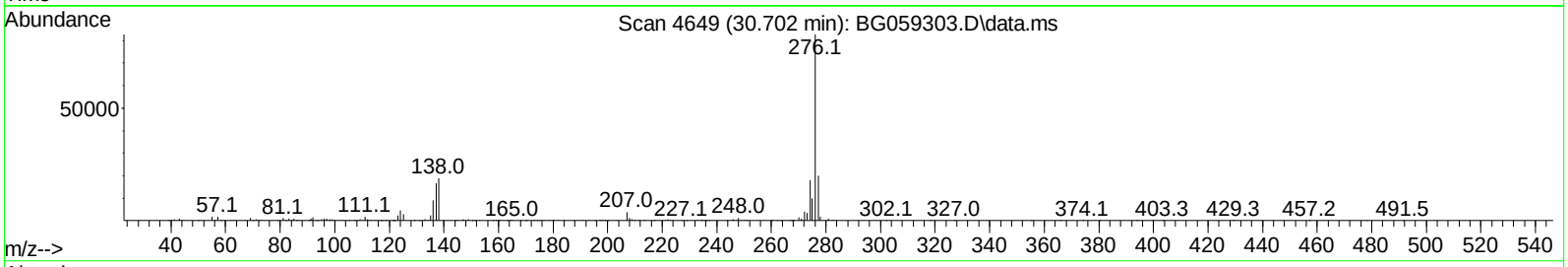

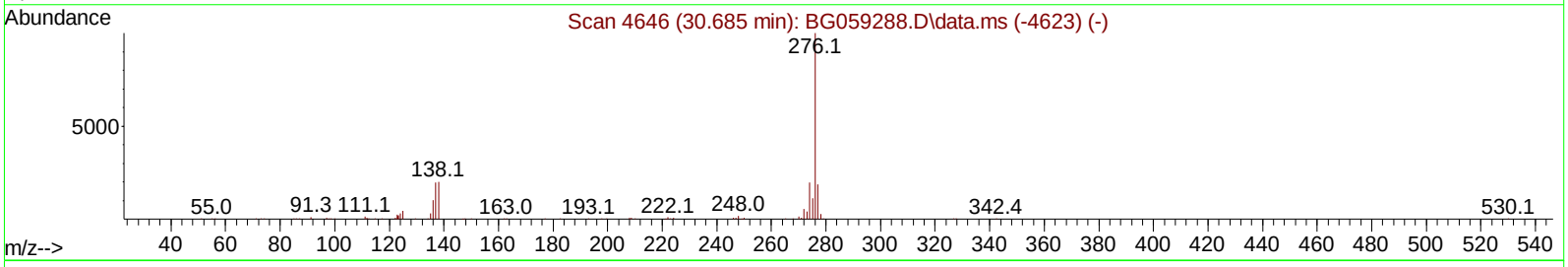

TIC: BG059303.D\data.ms

(96) Benzo(g,h,i)perylene

30.702min (-0.009) 17.22 ng/ul

response 268001

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	22.72
277.00	25.00	24.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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ClientSampleId :
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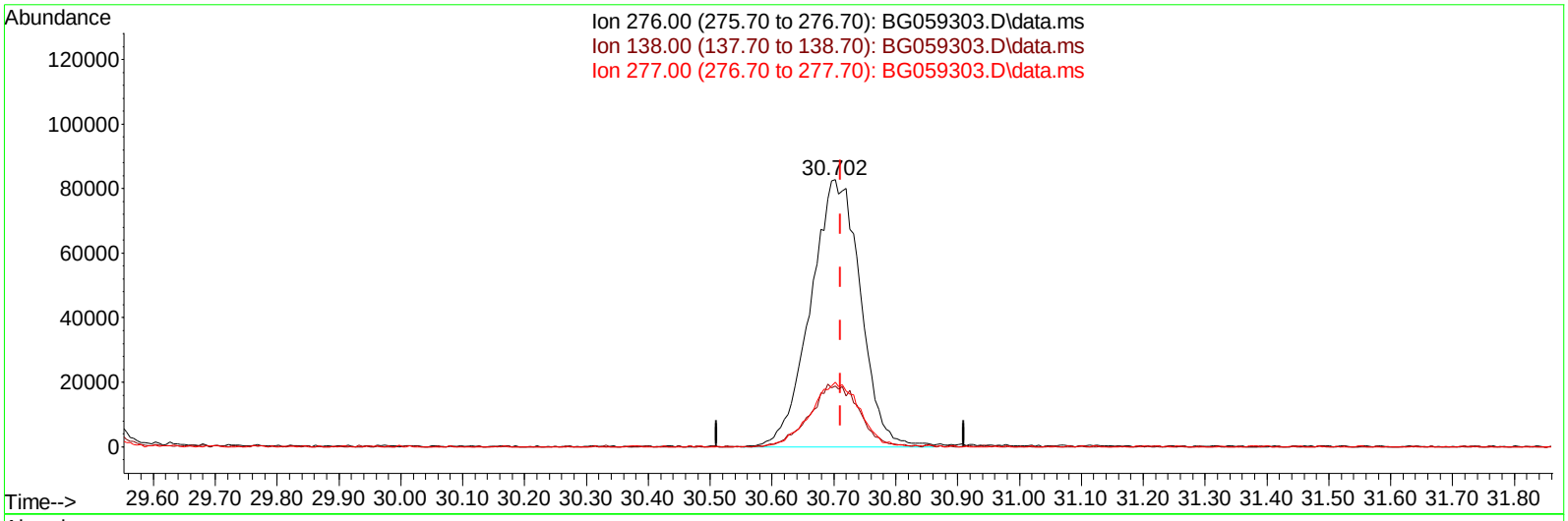

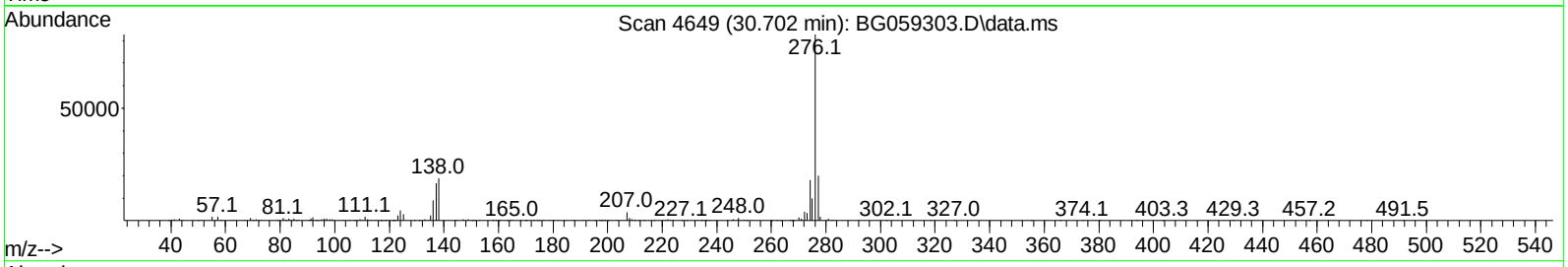

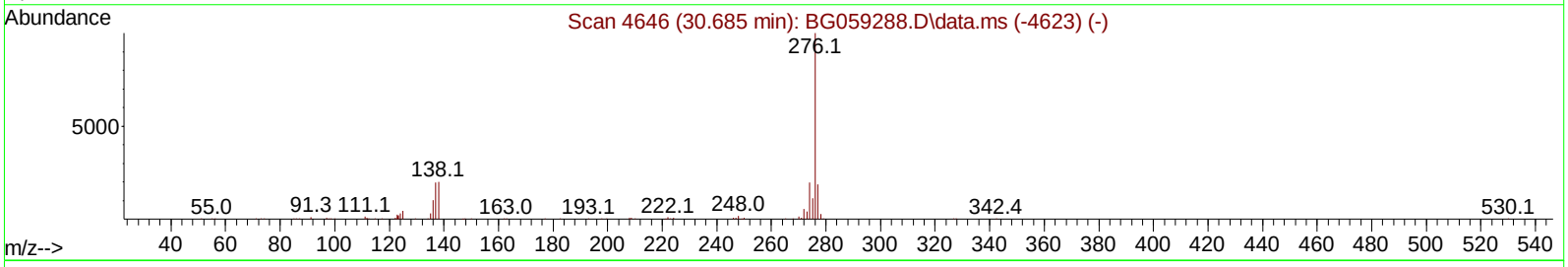

TIC: BG059303.D\data.ms

(96) Benzo(g,h,i)perylene

30.702min (-0.009) 29.79 ng/ul m

response 463565

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	22.72
277.00	25.00	24.21
0.00	0.00	0.00

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Misc :
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Quant Time: Oct 06 00:48:00 2023
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	41598	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	192047	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.868	164	120286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	274446	20.000	ng/ul	0.00
79) Chrysene-d12	21.918	240	246680	20.000	ng/ul	0.00
88) Perylene-d12	25.397	264	290986	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	5381	4.882	ng/uL	0.00
4) Pyridine-d5	3.963	84	77466	24.088	ng/ul	0.00
7) Phenol-d5	7.359	99	99842	23.978	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	60468	22.733	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	80472	28.750	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	83511	25.946	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	44642	32.941	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	46257	34.770	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	84690	30.988	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	110809	25.060	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	252170	28.996	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	319520	29.271	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	51436	33.869	ng/ul	0.00
60) Fluorene-d10	15.855	176	243973	29.475	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	45206	32.045	ng/ul	0.00
73) Anthracene-d10	17.711	188	365785	29.251	ng/ul	0.00
81) Pyrene-d10	19.985	212	435798	31.547	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.150	264	427375	30.563	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	10640	8.217	ng/uL#	76
5) Pyridine	3.986	79	74685	22.870	ng/ul#	86
6) Benzaldehyde	7.376	77	48859	26.720	ng/ul	99
8) Phenol	7.388	94	103513	24.990	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.647	93	78235	23.030	ng/ul	87
12) 2-Chlorophenol	7.788	128	79593	26.970	ng/ul	90
13) 2-Methylphenol	8.663	108	77422	24.739	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.751	45	156708	20.866	ng/ul#	92
16) Acetophenone	9.074	105	127253	25.528	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.039	70	60419	23.894	ng/ul	93
18) 4-Methylphenol	8.992	108	88362	26.649	ng/ul	90
19) Hexachloroethane	9.315	117	32685	28.113	ng/ul#	86
22) Nitrobenzene	9.474	77	91833	27.451	ng/ul	93
23) Isophorone	9.979	82	179615	24.968	ng/ul	99
25) 2-Nitrophenol	10.179	139	50785	34.645	ng/ul	96
26) 2,4-Dimethylphenol	10.208	107	71385	22.775	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.461	93	115665	25.482	ng/ul#	96
29) 2,4-Dichlorophenol	10.708	162	82111	30.225	ng/ul	96
30) Naphthalene	11.125	128	284943	27.672	ng/ul	96
32) 4-Chloroaniline	11.243	127	98622	23.324	ng/ul	97
33) Hexachlorobutadiene	11.354	225	55135	30.324	ng/ul	92
34) Caprolactam	12.024	113	26751	28.459	ng/ul	90
35) 4-Chloro-3-methylphenol	12.324	107	86589	29.872	ng/ul#	90

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.706	142	186380	27.630	ng/ul	100
37) 1-Methylnaphthalene	12.929	142	189410	27.666	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.052	216	99922	27.747	ng/ul	95
40) Hexachlorocyclopentadiene	13.005	237	39307	17.695	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.299	196	58379	26.478	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.369	196	66530	28.757	ng/ul	99
43) 1,1'-Biphenyl	13.698	154	267157	27.501	ng/ul	97
44) 2-Chloronaphthalene	13.757	162	204099	27.905	ng/ul	97
45) 2-Nitroaniline	13.975	65	63541	30.799	ng/ul	96
47) Dimethylphthalate	14.310	163	244119	27.406	ng/ul	99
48) 2,6-Dinitrotoluene	14.456	165	50194	33.131	ng/ul#	93
50) Acenaphthylene	14.597	152	303070	26.011	ng/ul	99
51) 3-Nitroaniline	14.791	138	56145	34.329	ng/ul#	98
52) Acenaphthene	14.926	153	221507	27.696	ng/ul	93
53) 2,4-Dinitrophenol	14.991	184	23287	27.651	ng/ul#	78
55) 4-Nitrophenol	15.073	109	32708	30.532	ng/ul	97
56) Dibenzofuran	15.261	168	303442	28.623	ng/ul	100
57) 2,4-Dinitrotoluene	15.232	165	74799	33.344	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.473	232	50073	23.908	ng/ul	91
59) Diethylphthalate	15.649	149	240204	27.894	ng/ul	98
61) Fluorene	15.908	166	253766	28.509	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.890	204	126147	28.429	ng/ul	97
63) 4-Nitroaniline	15.955	138	55731	37.028	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.984	198	44538	29.942	ng/ul#	87
67) N-Nitrosodiphenylamine	16.113	169	206159	28.180	ng/ul	97
68) 4-Bromophenyl-phenylether	16.789	248	75181	28.277	ng/ul	96
69) Hexachlorobenzene	16.883	284	89057	29.649	ng/ul	98
70) Atrazine	17.036	200	1437	0.517	ng/ul#	79
71) Pentachlorophenol	17.235	266	37206	21.522	ng/ul	96
72) Phenanthrene	17.659	178	433890	28.808	ng/ul	98
74) Anthracene	17.747	178	426320	27.413	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.663	216	103119	28.513	ng/uL	93
76) Pentachlorobenzene	15.156	250	102252	28.634	ng/uL	97
77) Carbazole	18.023	167	384983	30.373	ng/ul	99
78) Di-n-butylphthalate	18.528	149	460533	30.650	ng/ul	99
80) Fluoranthene	19.650	202	527828	31.016	ng/ul	98
82) Pyrene	20.015	202	536801	29.780	ng/ul	99
83) Butylbenzylphthalate	20.867	149	206130	32.428	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.807	252	190901	33.416	ng/ul	97
85) Benzo(a)anthracene	21.895	228	504528	29.054	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.718	149	304260	31.522	ng/ul	97
87) Chrysene	21.965	228	475619	29.000	ng/ul	100
89) Di-n-octyl phthalate	23.017	149	520399	30.750	ng/ul	100
90) Benzo(b)fluoranthene	24.268	252	522457	29.315	ng/ul	98
91) Benzo(k)fluoranthene	24.345	252	524212	29.029	ng/ul	99
93) Benzo(a)pyrene	25.232	252	463237	27.399	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.409	276	568804m	29.720	ng/ul	
95) Dibenzo(a,h)anthracene	29.503	278	457766	29.412	ng/ul	98
96) Benzo(g,h,i)perylene	30.702	276	463565m	29.789	ng/ul	

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

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