Quantitation Report (Qedit)

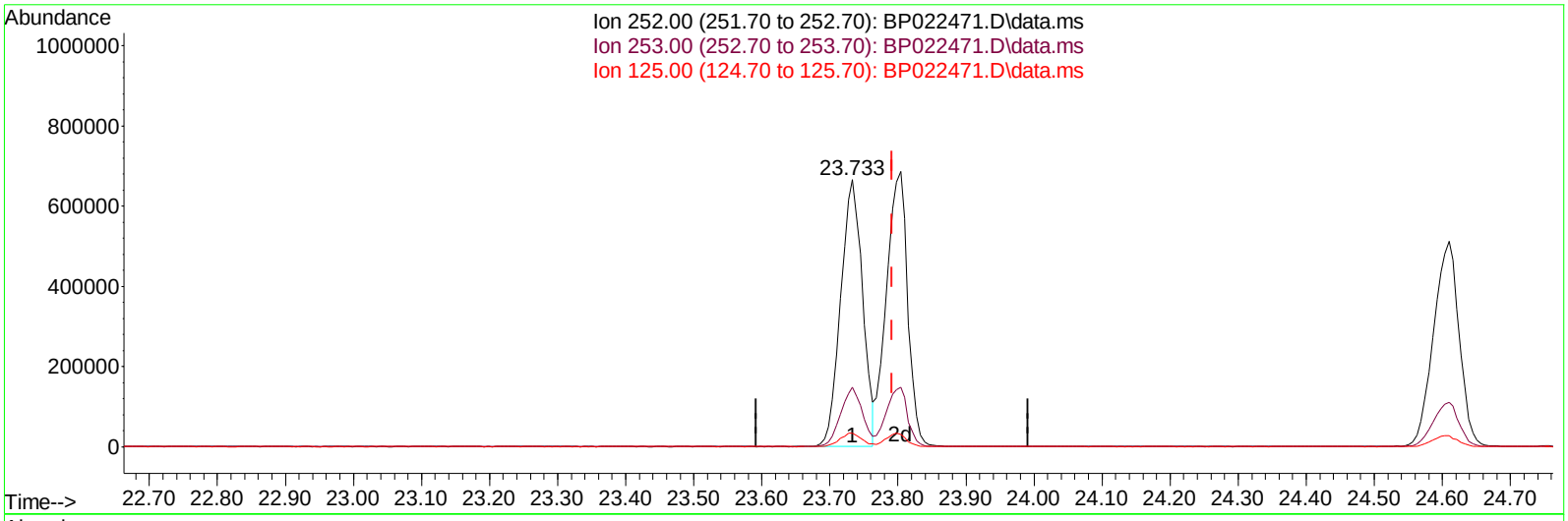
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101824\
Data File : BP022471.D
Acq On : 18 Oct 2024 22:16
Operator : RC/JU
Sample : PB164183BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

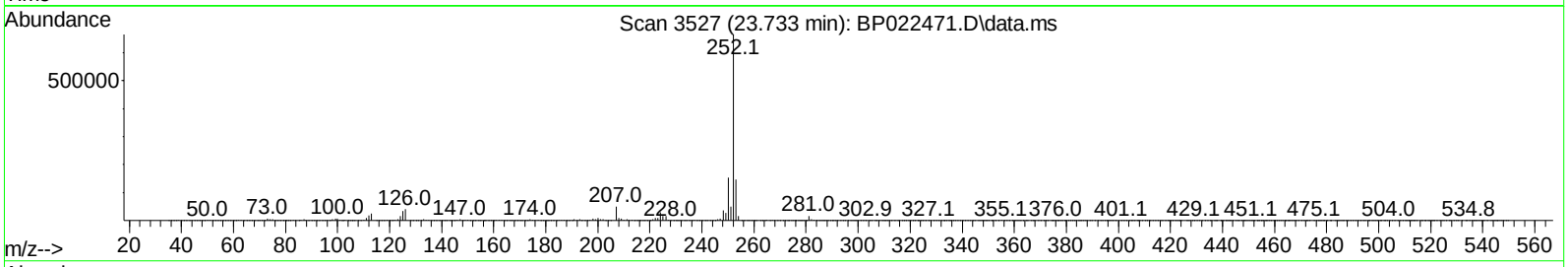
Quant Time: Oct 19 00:00:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

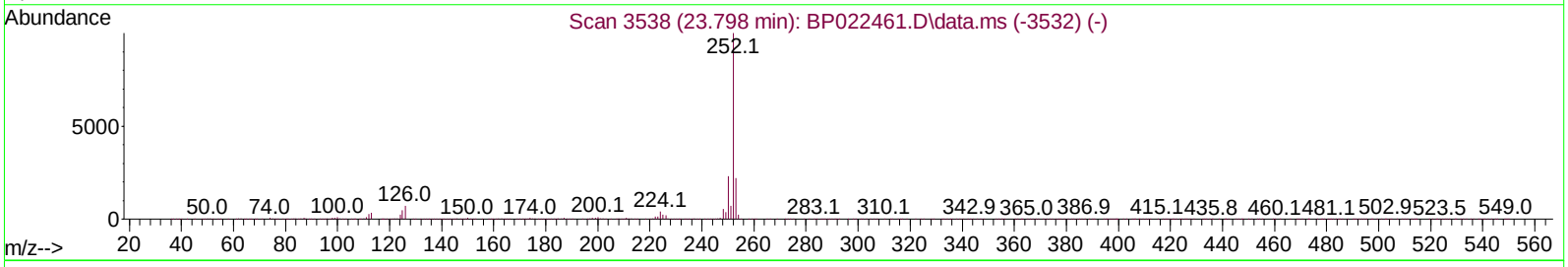
Instrument :
BNA_P
ClientSampleId :
SLCS183

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/21/2024
Supervised By :mohammad ahmed 10/21/2024







TIC: BP022471.D\data.ms

(91) Benzo(k)fluoranthene

23.733min (-0.058) 29.67 ng/ul

response 1489472

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.19
125.00	5.70	5.07
0.00	0.00	0.00

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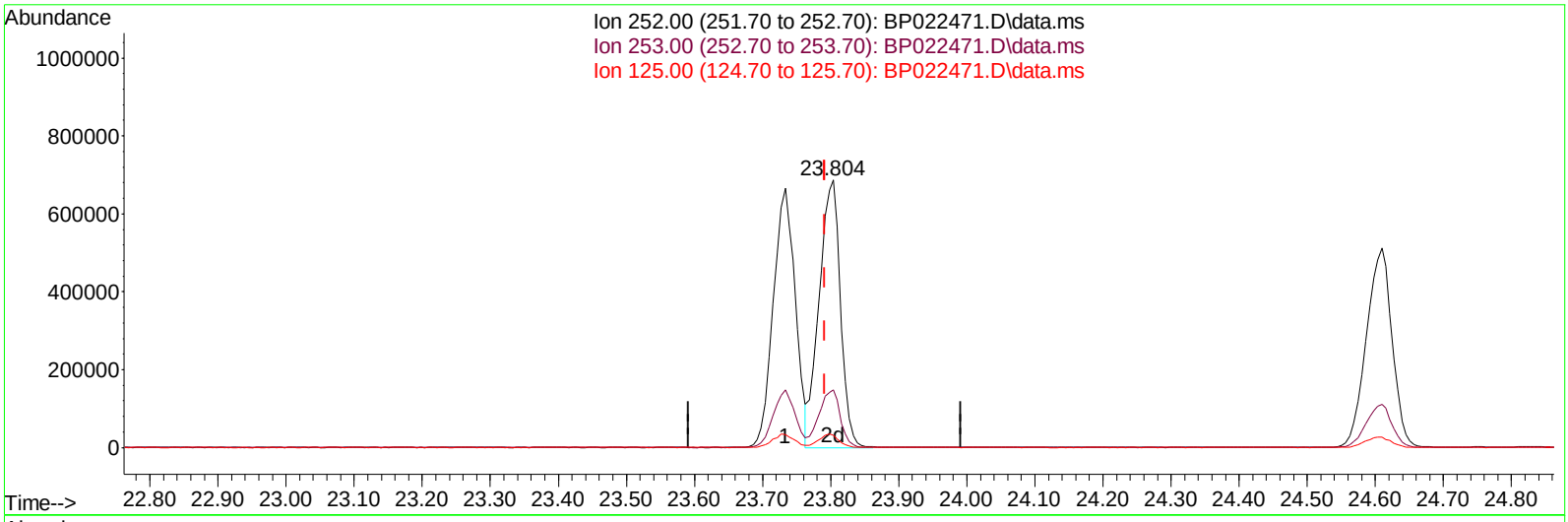

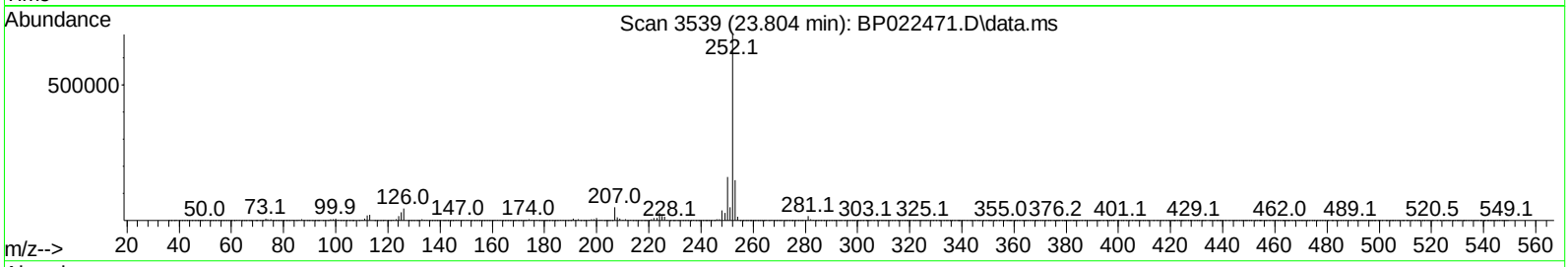

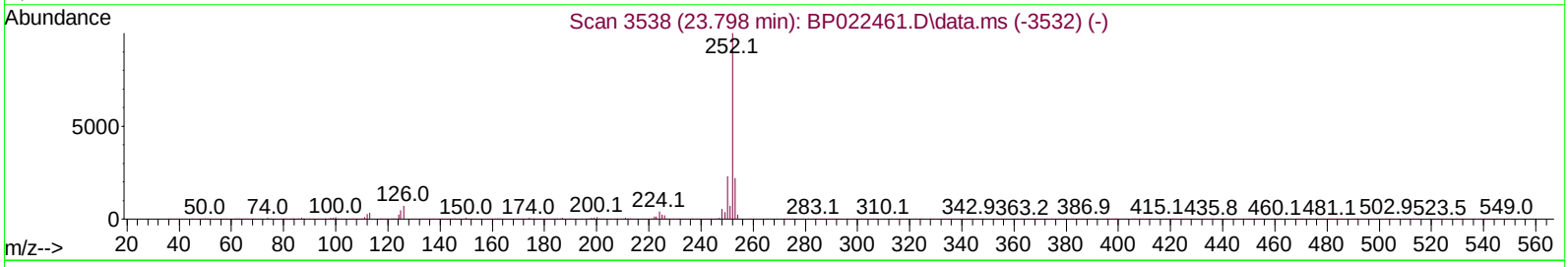

TIC: BP022471.D\data.ms

(91) Benzo(k)fluoranthene

23.804min (+ 0.012) 29.58 ng/ul m

response 1485050

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.67
125.00	5.70	4.53#
0.00	0.00	0.00

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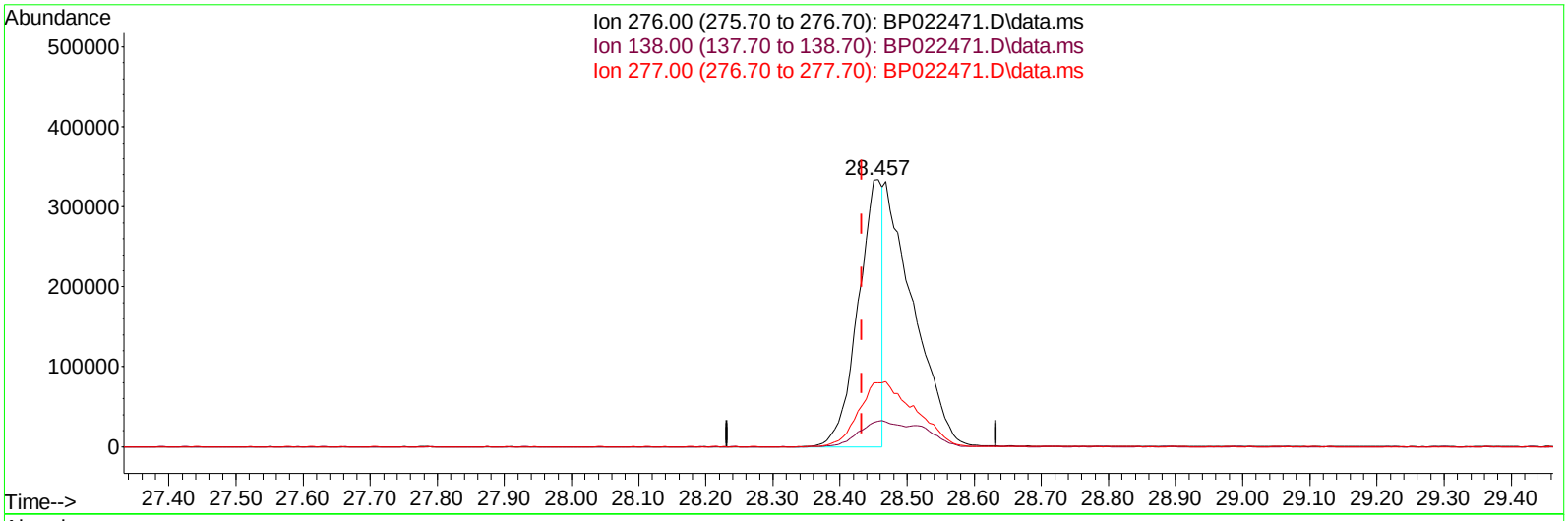

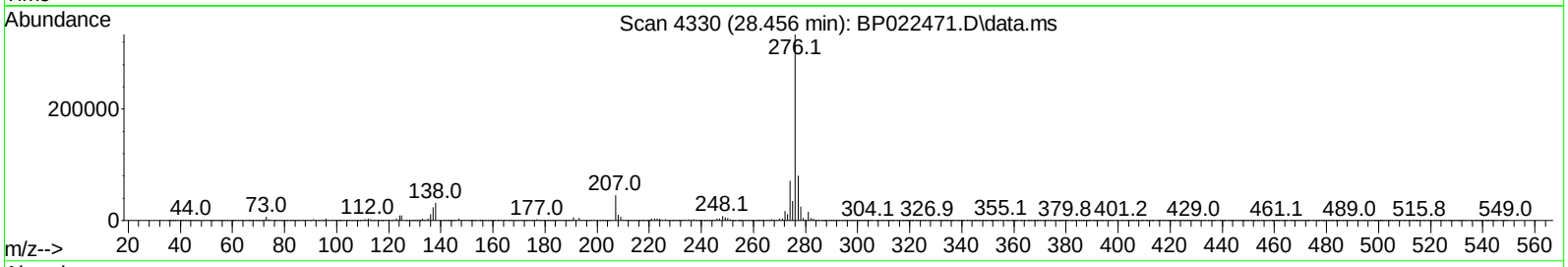

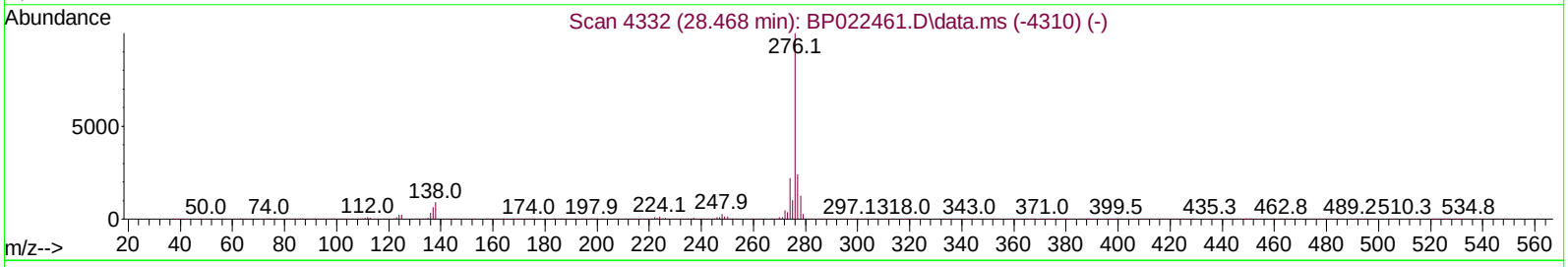

TIC: BP022471.D\data.ms

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

28.456min (+ 0.024) 13.34 ng/ul

response 840346

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.66
277.00	23.20	23.95
0.00	0.00	0.00

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ALS Vial : 20 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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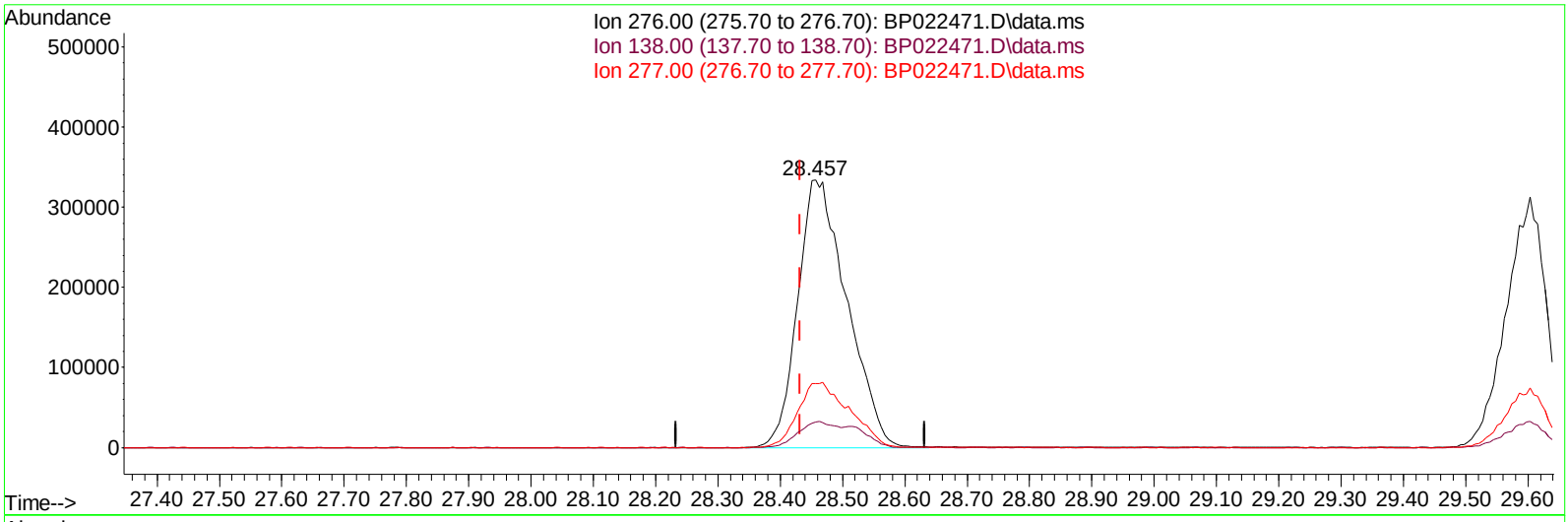

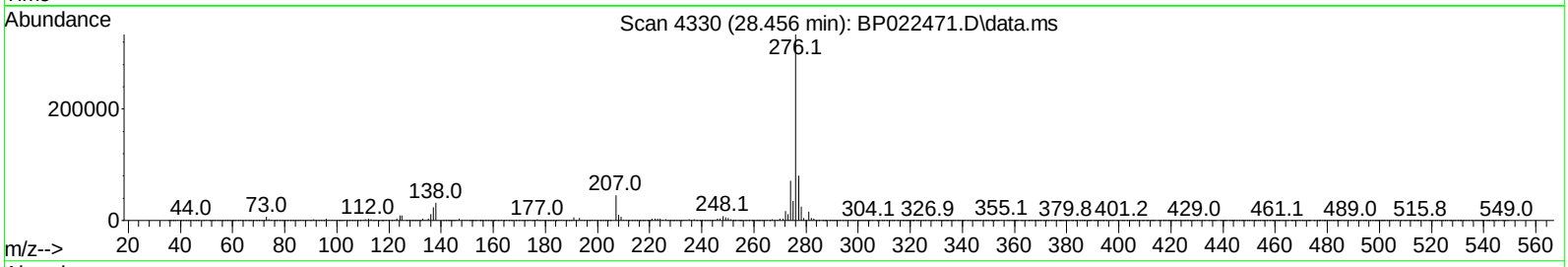

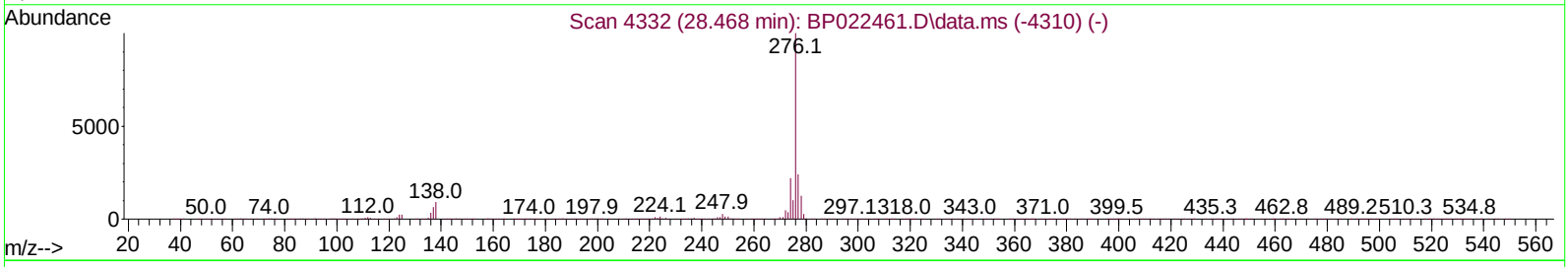

TIC: BP022471.D\data.ms

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

28.456min (+ 0.024) 29.13 ng/ul m

response 1834142

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.66
277.00	23.20	23.95
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 18 Oct 2024 22:16
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Misc :
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Quant Time: Oct 19 00:03:08 2024
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	121642	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	456495	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	336727	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	703082	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	673504	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	814563	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	15731	5.025	ng/uL	0.00
4) Pyridine-d5	3.605	84	220441	25.653	ng/ul	0.00
7) Phenol-d5	6.852	99	287183	28.047	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	163127	27.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	219469	30.206	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	230927	28.260	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	102638	29.242	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	125242	30.820	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	261653	30.295	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	261677	25.641	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	747499	27.940	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	810773	28.533	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	102604	22.861	ng/ul	0.00
60) Fluorene-d10	15.281	176	637402	27.468	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	124155	26.850	ng/ul	0.00
73) Anthracene-d10	17.163	188	938970	28.389	ng/ul	0.00
81) Pyrene-d10	19.551	212	1060757	29.783	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1302429	29.940	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	33526	9.961	ng/uL	98
5) Pyridine	3.623	79	223743	25.393	ng/ul	98
6) Benzaldehyde	6.822	77	48743	8.809	ng/ul	97
8) Phenol	6.881	94	296796	27.860	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.099	93	218893	27.455	ng/ul	100
12) 2-Chlorophenol	7.240	128	224975	29.944	ng/ul	96
13) 2-Methylphenol	8.105	108	217612	28.147	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	247462	26.706	ng/ul	98
16) Acetophenone	8.475	105	363407	26.938	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.463	70	185126	27.085	ng/ul	97
18) 4-Methylphenol	8.428	108	239730	27.951	ng/ul	100
19) Hexachloroethane	8.722	117	98095	28.035	ng/ul	99
22) Nitrobenzene	8.846	77	285725	27.271	ng/ul	96
23) Isophorone	9.363	82	513717	27.347	ng/ul	99
25) 2-Nitrophenol	9.546	139	129791	29.636	ng/ul	96
26) 2,4-Dimethylphenol	9.610	107	260765	27.394	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	292887	27.459	ng/ul	98
29) 2,4-Dichlorophenol	10.075	162	258200	30.358	ng/ul	100
30) Naphthalene	10.469	128	689567	28.361	ng/ul	99
32) 4-Chloroaniline	10.581	127	162901	16.171	ng/ul	97
33) Hexachlorobutadiene	10.746	225	215680	30.087	ng/ul	96
34) Caprolactam	11.363	113	62597	22.829	ng/ul	91
35) 4-Chloro-3-methylphenol	11.716	107	259065	27.917	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/21/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	501428	28.095	ng/ul	99
37) 1-Methylnaphthalene	12.299	142	491996	27.008	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	383241	30.781	ng/ul	93
40) Hexachlorocyclopentadiene	12.428	237	151729	20.002	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	237004	30.262	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	252259	30.250	ng/ul	98
43) 1,1'-Biphenyl	13.098	154	709596	29.236	ng/ul	100
44) 2-Chloronaphthalene	13.140	162	576588	29.020	ng/ul	99
45) 2-Nitroaniline	13.351	65	158659	26.743	ng/ul	91
47) Dimethylphthalate	13.728	163	724685	27.184	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	148044	29.360	ng/ul	96
50) Acenaphthylene	13.993	152	819626	27.792	ng/ul	100
51) 3-Nitroaniline	14.181	138	119843	25.305	ng/ul	97
52) Acenaphthene	14.340	153	586992	28.148	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	79900	21.536	ng/ul	97
55) 4-Nitrophenol	14.510	109	118109	23.710	ng/ul	92
56) Dibenzofuran	14.681	168	865500	27.630	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	209763	26.771	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.916	232	218778	28.107	ng/ul	99
59) Diethylphthalate	15.110	149	694822	27.167	ng/ul	99
61) Fluorene	15.340	166	687918	26.952	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	402527	27.578	ng/ul	99
63) 4-Nitroaniline	15.363	138	128674	27.001	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.428	198	130348	26.170	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	574119	30.493	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	280730	33.110	ng/ul	96
69) Hexachlorobenzene	16.363	284	324530	31.096	ng/ul	99
70) Atrazine	16.534	200	236464	30.214	ng/ul	97
71) Pentachlorophenol	16.722	266	199077	29.667	ng/ul	94
72) Phenanthrene	17.110	178	1066569	28.354	ng/ul	98
74) Anthracene	17.198	178	1057378	28.168	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	366924	34.275	ng/uL	97
76) Pentachlorobenzene	14.598	250	381846	32.266	ng/uL	99
77) Carbazole	17.481	167	866531	26.089	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1088274	29.611	ng/ul	99
80) Fluoranthene	19.198	202	1242995	30.358	ng/ul	99
82) Pyrene	19.581	202	1280683	29.183	ng/ul	97
83) Butylbenzylphthalate	20.533	149	461643	30.214	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.404	252	438666	27.323	ng/ul	96
85) Benzo(a)anthracene	21.480	228	1335122	28.277	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	655014	29.866	ng/ul	98
87) Chrysene	21.557	228	1232831	28.160	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	1115044	28.778	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	1489472	29.049	ng/ul	99
91) Benzo(k)fluoranthene	23.804	252	1485050m	29.583	ng/ul	
93) Benzo(a)pyrene	24.610	252	1339857	28.393	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.456	276	1834142m	29.126	ng/ul	
95) Dibenzo(a,h)anthracene	28.521	278	1483837	29.099	ng/ul	98
96) Benzo(g,h,i)perylene	29.604	276	1408618	28.758	ng/ul	100

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

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