Quantitation Report (Qedit)

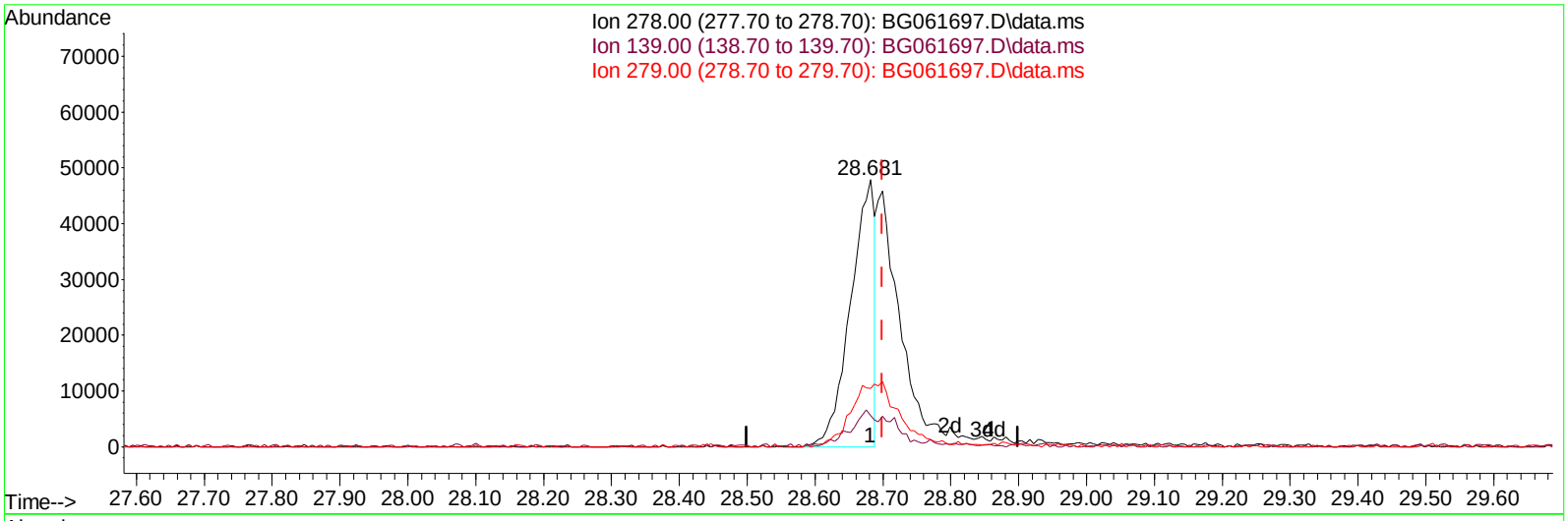
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061697.D
Acq On : 25 Jun 2024 10:42
Operator : MA/JU
Sample : P2844-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

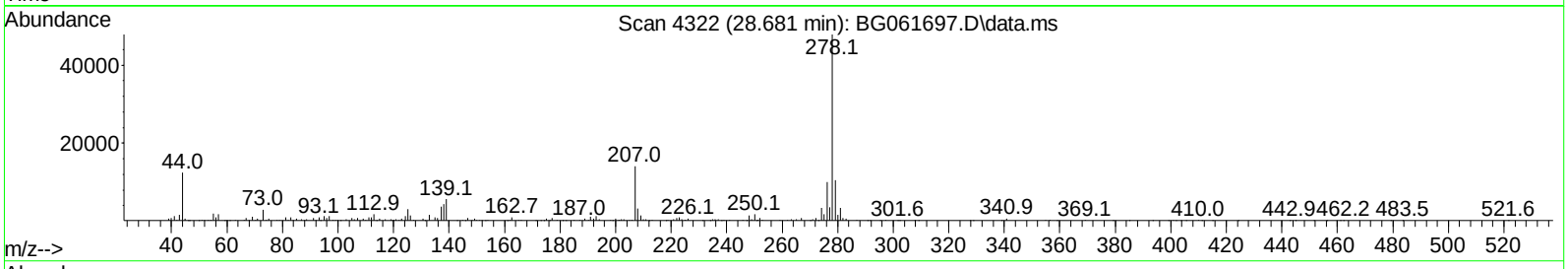
Quant Time: Jun 25 11:17:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

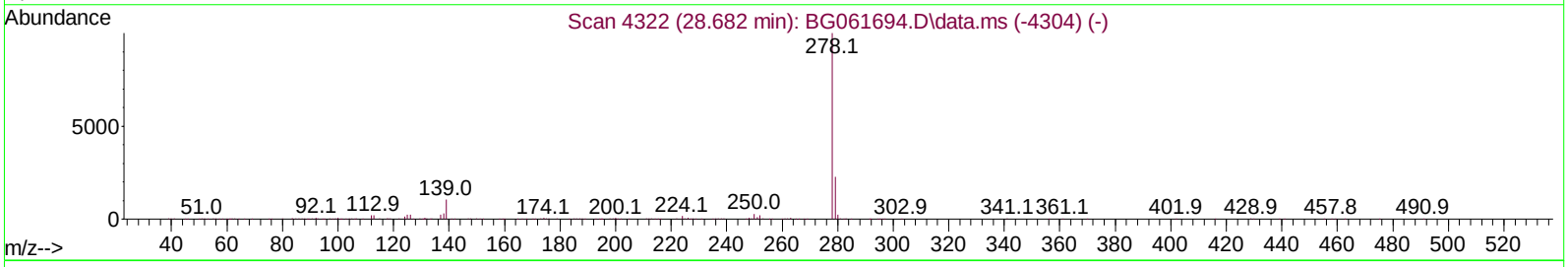
Instrument :
BNA_G
ClientSampleId :
A4DK4DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024







TIC: BG061697.D\data.ms

(95) Dibenzo(a,h)anthracene

28.681min (-0.018) 3.55 ng/ul

response 117661

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	11.69
279.00	23.30	21.85
0.00	0.00	0.00

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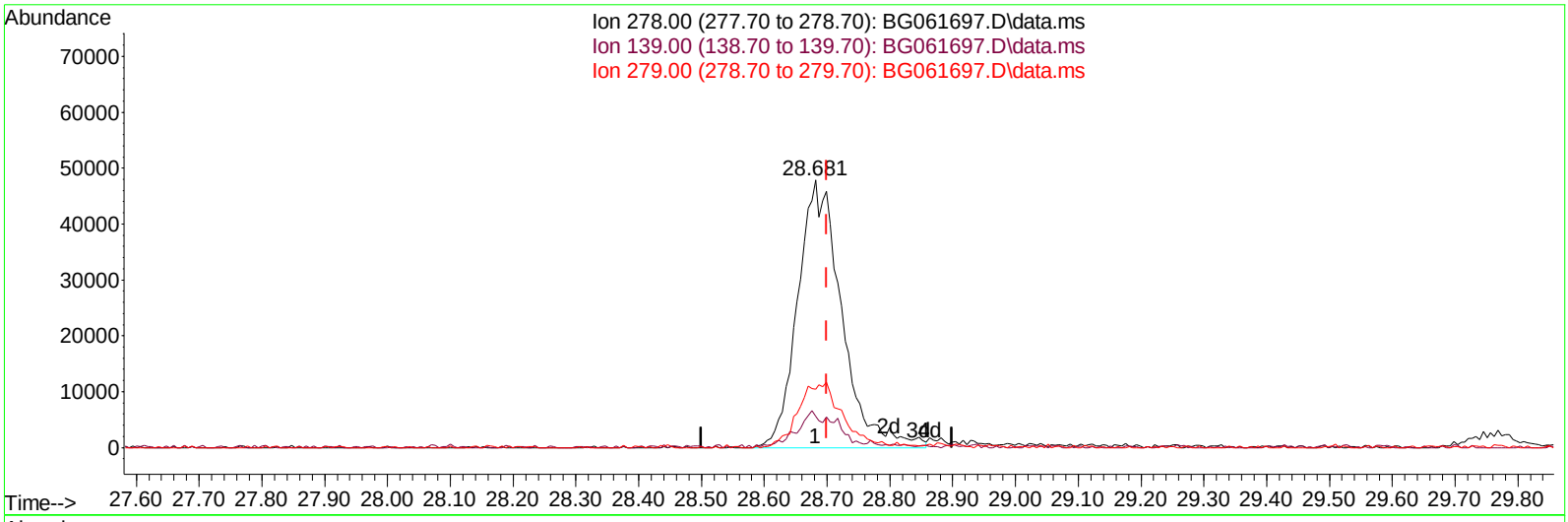

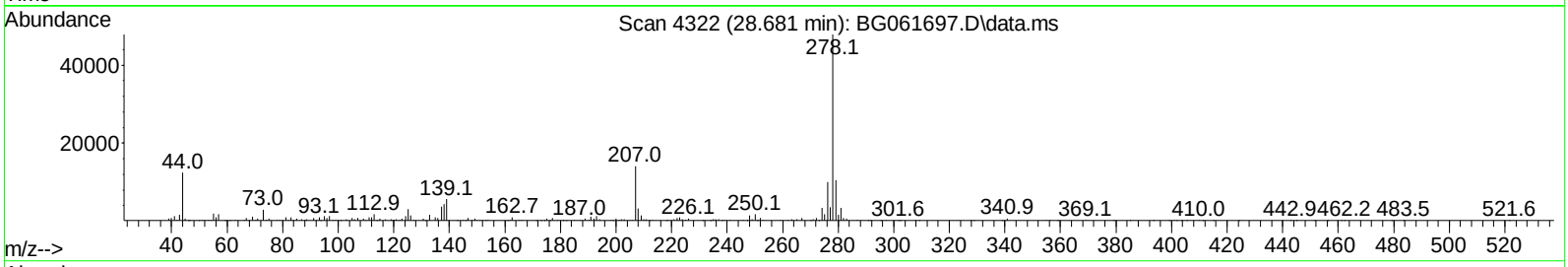

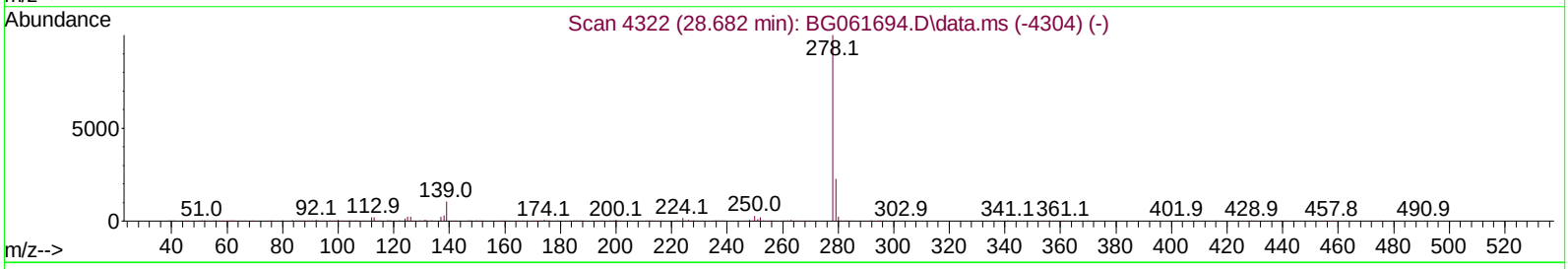

TIC: BG061697.D\data.ms

(95) Dibenzo(a,h)anthracene

28.681min (-0.018) 7.02 ng/ul m

response 232934

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	11.40	11.69
279.00	23.30	21.85
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
A4DK4DL

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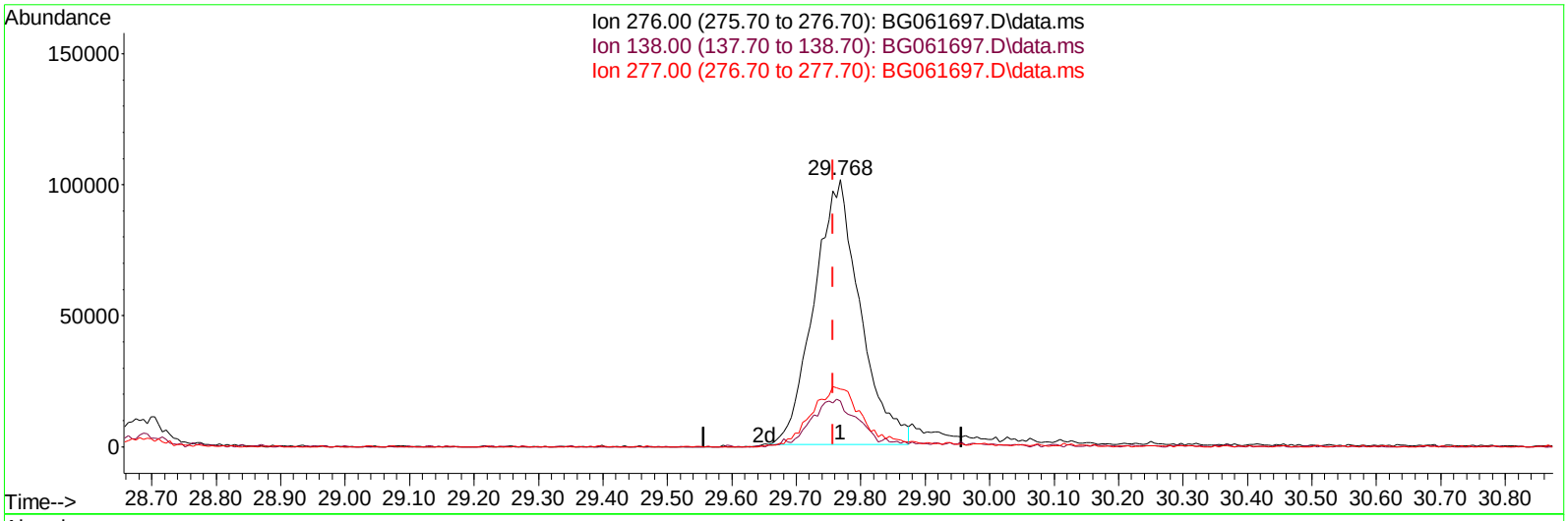

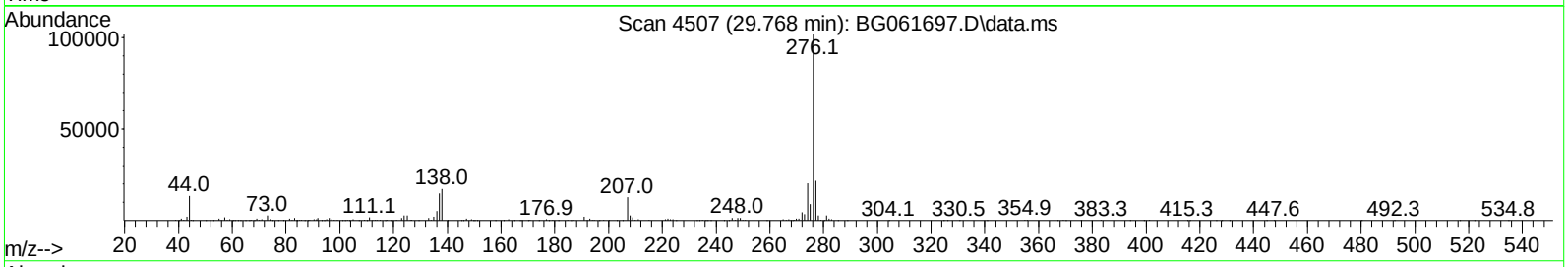

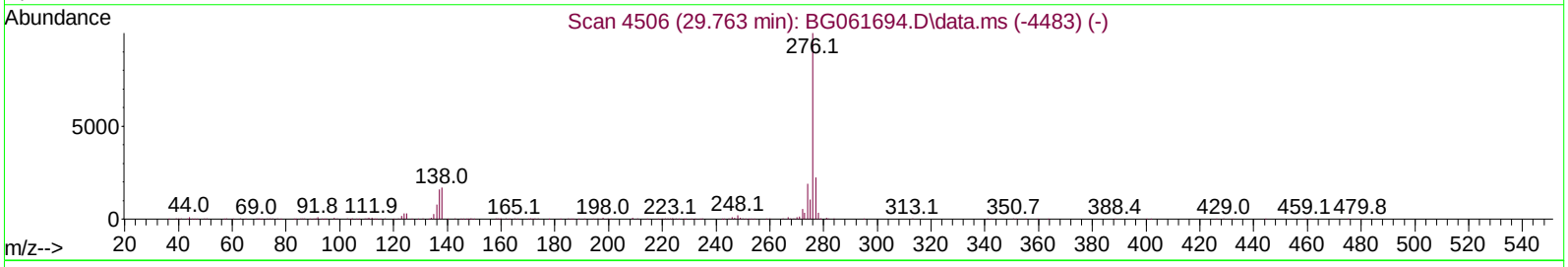

TIC: BG061697.D\data.ms

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

29.768min (+ 0.012) 15.63 ng/ul

response 502388

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	17.11
277.00	23.20	21.55
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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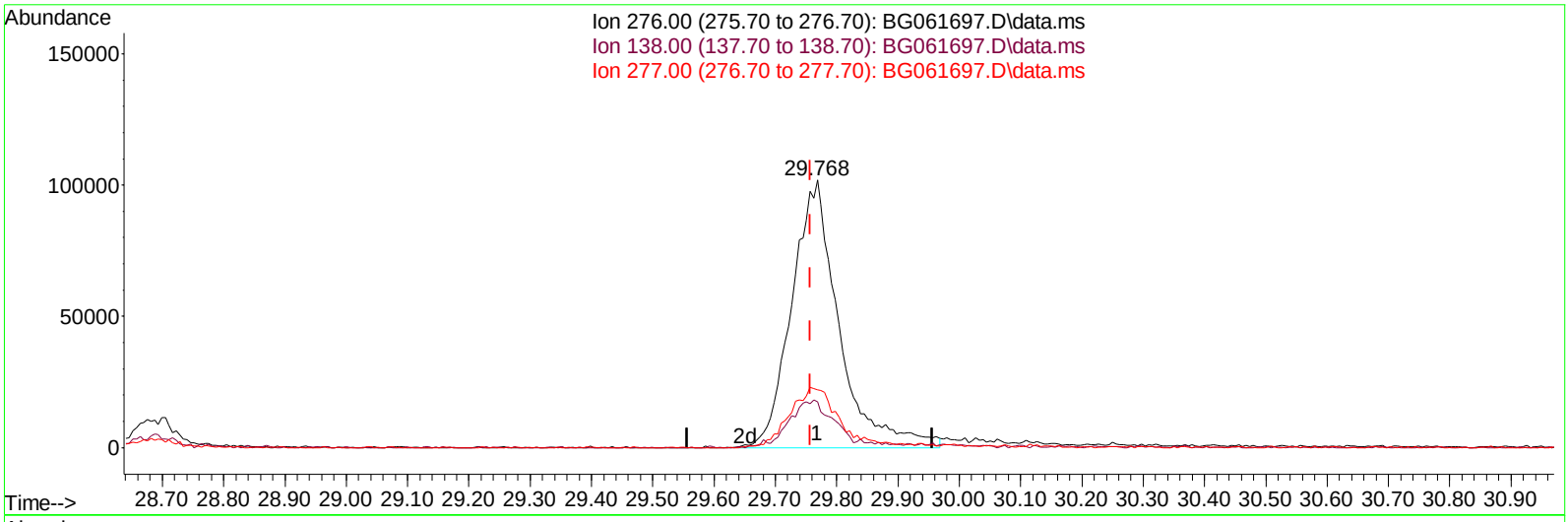

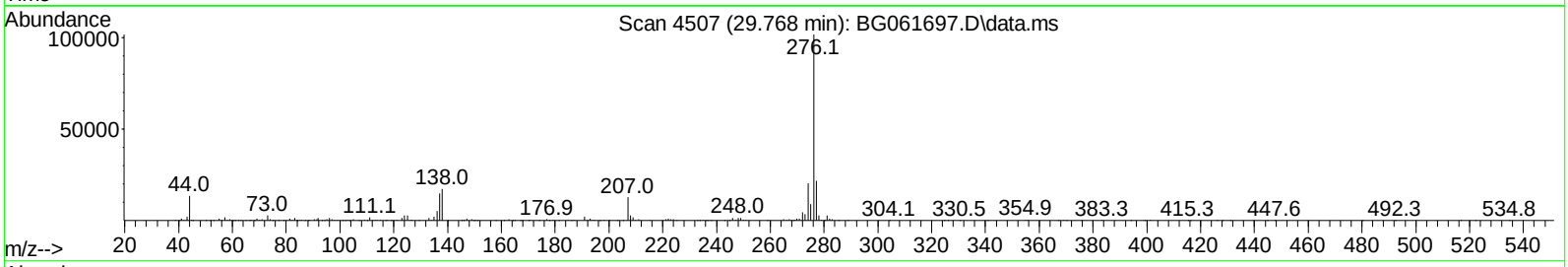

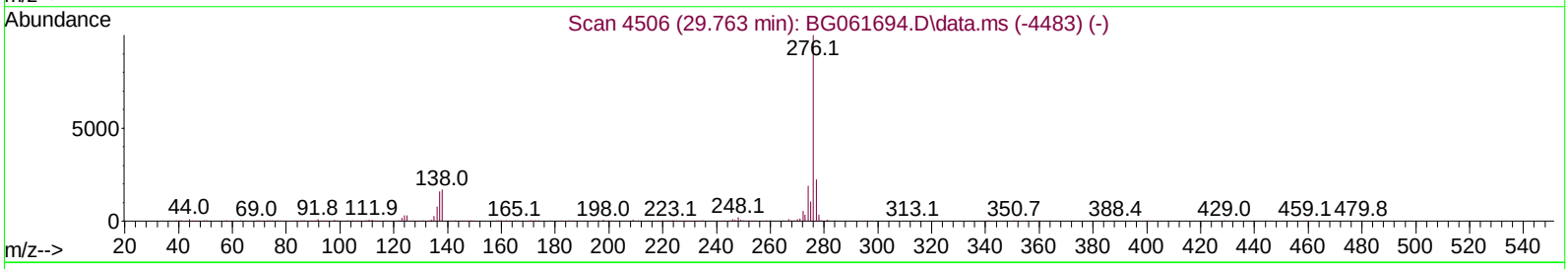

TIC: BG061697.D\data.ms

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

29.768min (+ 0.012) 16.95 ng/ul m

response 544978

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.30	17.11
277.00	23.20	21.55
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : P2844-02DL 5X
Misc :
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Quant Time: Jun 25 11:20:43 2024
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	62456	20.000	ng/ul	0.00
20) Naphthalene-d8	10.885	136	332545	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	248966	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	575645	20.000	ng/ul	0.00
79) Chrysene-d12	21.707	240	473376	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264	553064	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1448	0.838	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.213	99	35971	5.305	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	21259	5.030	ng/ul	0.00
11) 2-Chlorophenol-d4	7.594	132	24601	5.287	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	25959	4.953	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	13382	5.927	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	13984	6.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	40811	7.537	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	36368	4.436	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	123402	6.441	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	126935	6.046	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	18919	5.750	ng/ul	0.00
60) Fluorene-d10	15.691	176	111351	6.639	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	13693	5.563	ng/ul	0.00
73) Anthracene-d10	17.542	188	182017	6.927	ng/ul	0.00
81) Pyrene-d10	19.821	212	200299	7.575	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.710	264	191208	7.239	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.236	94	35823	5.021	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.489	93	150675	28.057	ng/ul	95
12) 2-Chlorophenol	7.630	128	100272	21.481	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.875	70	142292	30.691	ng/ul#	92
23) Isophorone	9.804	82	448423	29.976	ng/ul	99
25) 2-Nitrophenol	9.992	139	42310	17.693	ng/ul#	86
29) 2,4-Dichlorophenol	10.526	162	212052	42.741	ng/ul	96
30) Naphthalene	10.938	128	540921	29.071	ng/ul	99
35) 4-Chloro-3-methylphenol	12.142	107	40883	5.893	ng/ul	99
36) 2-Methylnaphthalene	12.536	142	430434	32.784	ng/ul	96
41) 2,4,6-Trichlorophenol	13.129	196	34514	7.592	ng/ul	95
42) 2,4,5-Trichlorophenol	13.200	196	73436	14.821	ng/ul	93
48) 2,6-Dinitrotoluene	14.275	165	224449	71.094	ng/ul#	92
50) Acenaphthylene	14.428	152	507112	21.637	ng/ul	98
52) Acenaphthene	14.768	153	528221	32.543	ng/ul	94
55) 4-Nitrophenol	14.886	109	36326	10.691	ng/ul	95
56) Dibenzofuran	15.097	168	402915	17.739	ng/ul	95
57) 2,4-Dinitrotoluene	15.050	165	79103	16.880	ng/ul	97
59) Diethylphthalate	15.515	149	769266	39.259	ng/ul	96
61) Fluorene	15.750	166	439599	23.386	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.744	204	212740	22.798	ng/ul	93
68) 4-Bromophenyl-phenylether	16.631	248	115614	19.506	ng/ul	90
71) Pentachlorophenol	17.083	266	122343	27.923	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Phenanthrene	17.489	178	348388	11.504	ng/ul	99
74) Anthracene	17.577	178	868868	28.056	ng/ul	99
78) Di-n-butylphthalate	18.405	149	976284	31.043	ng/ul	98
80) Fluoranthene	19.492	202	707228	23.052	ng/ul	98
83) Butylbenzylphthalate	20.744	149	74776	6.296	ng/ul	91
85) Benzo(a)anthracene	21.690	228	514275	15.477	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.613	149	1368900	78.405	ng/ul	96
89) Di-n-octyl phthalate	22.835	149	1266519	43.418	ng/ul	100
90) Benzo(b)fluoranthene	23.911	252	405107	12.185	ng/ul	99
91) Benzo(k)fluoranthene	23.981	252	328785	9.616	ng/ul#	96
93) Benzo(a)pyrene	24.786	252	282960	8.841	ng/ul	99
95) Dibenzo(a,h)anthracene	28.681	278	232934m	7.023	ng/ul	
96) Benzo(g,h,i)perylene	29.768	276	544978m	16.950	ng/ul	

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

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