Quantitation Report (QT Reviewed)

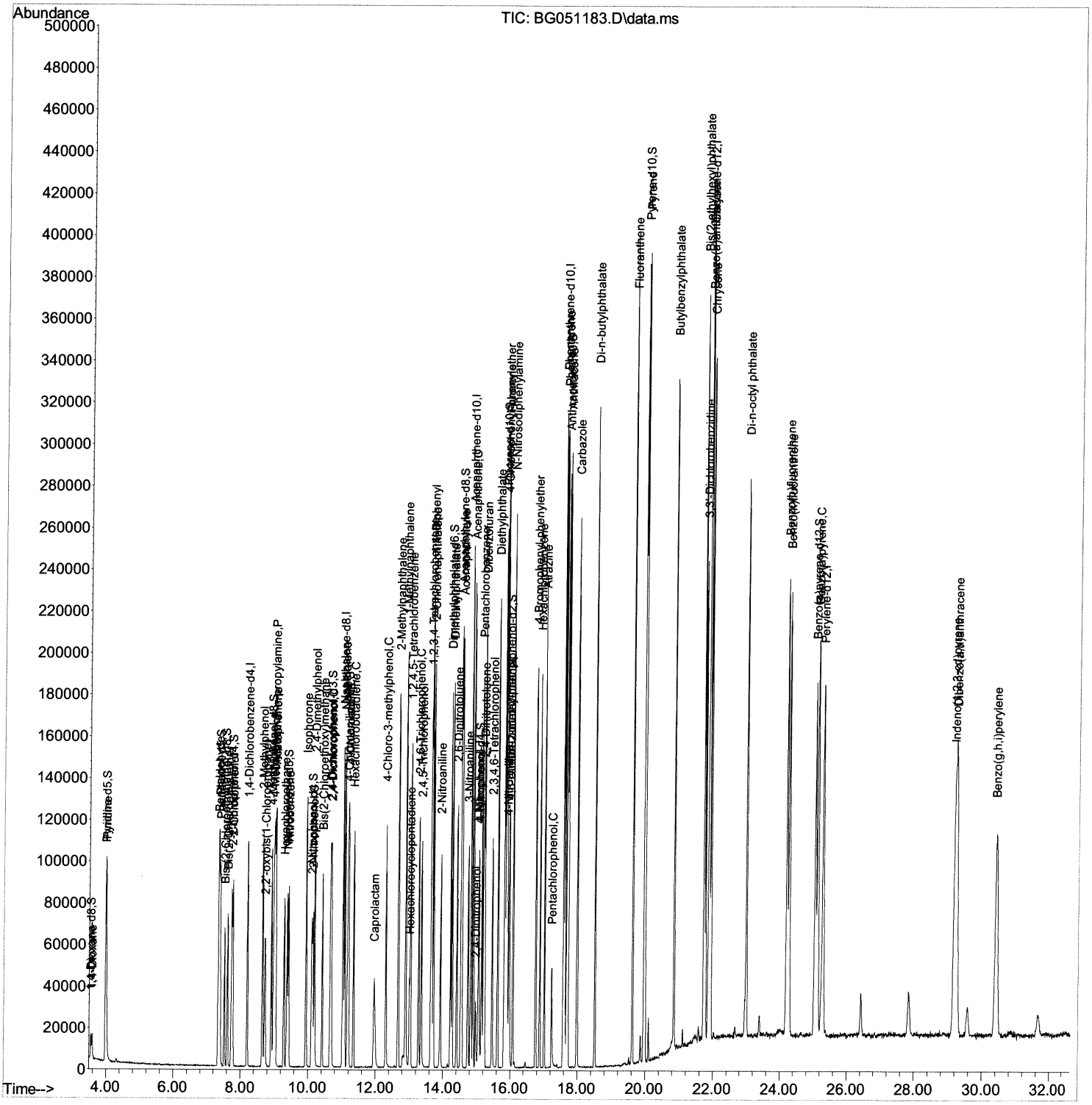
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051183.D
Acq On : 23 Nov 2021 12:15
Operator : CG/JU
Sample : SSTD02021
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 23 13:57:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 23 13:54:17 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020422

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/30/2021



Quantitation Report (Qedit)

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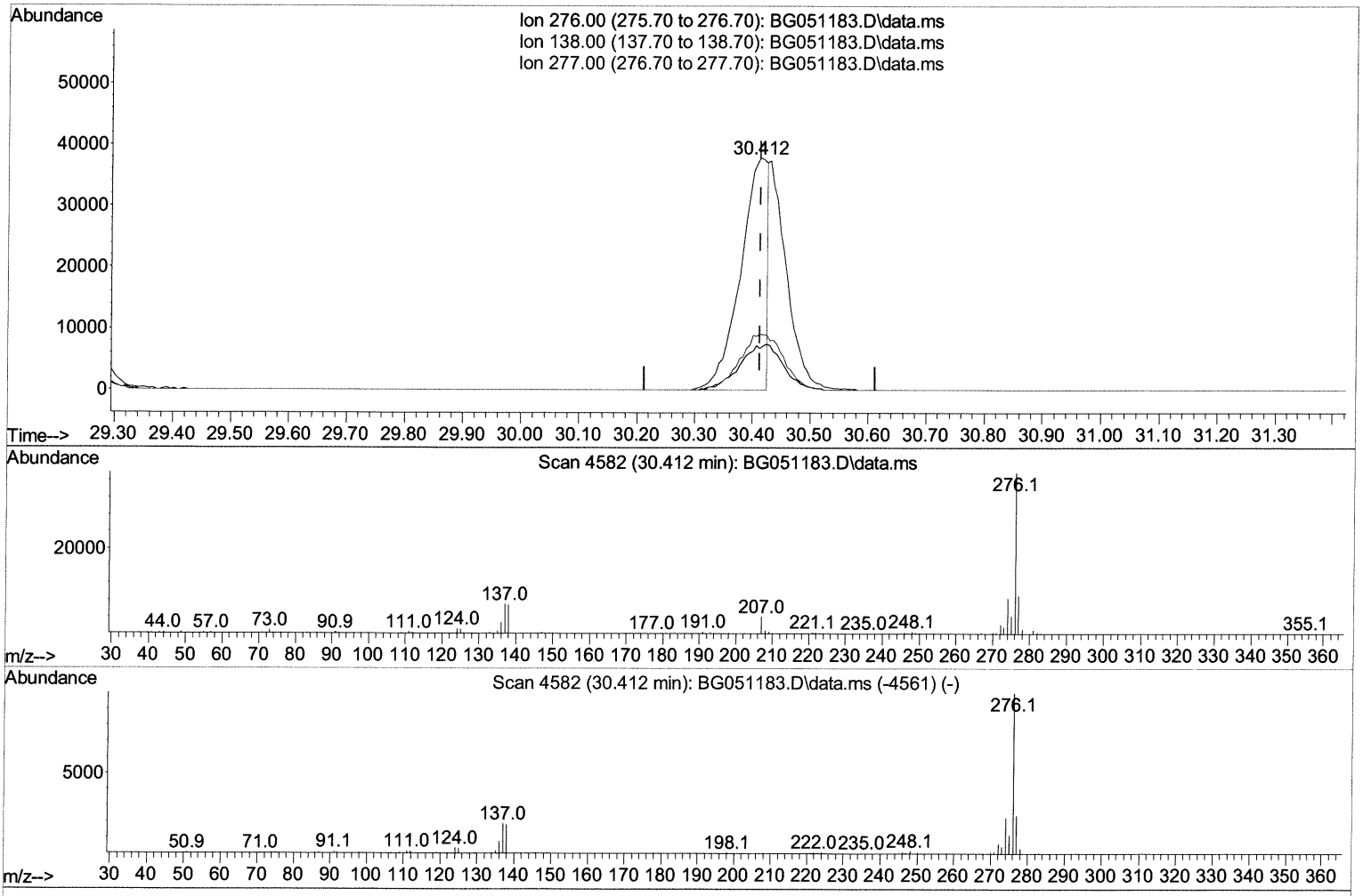

TIC: BG051183.D\data.ms

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

30.412min (0.000) 10.43 ng/ul

response 122806

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	17.88
277.00	22.00	23.89
0.00	0.00	0.00

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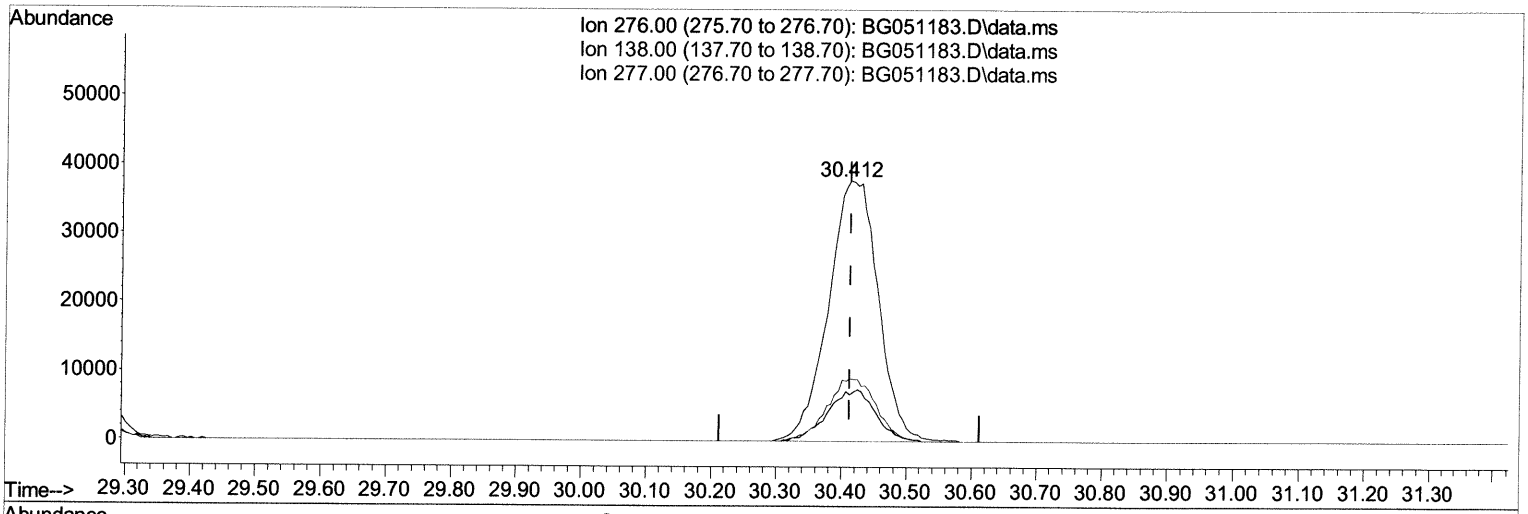

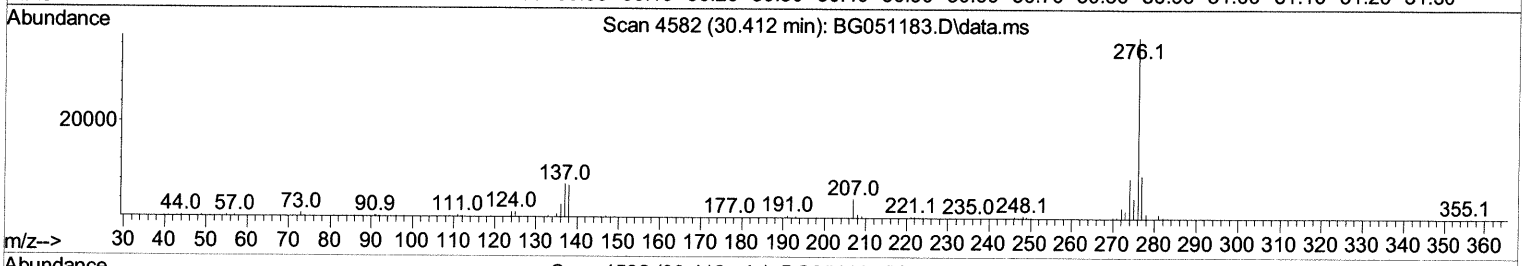

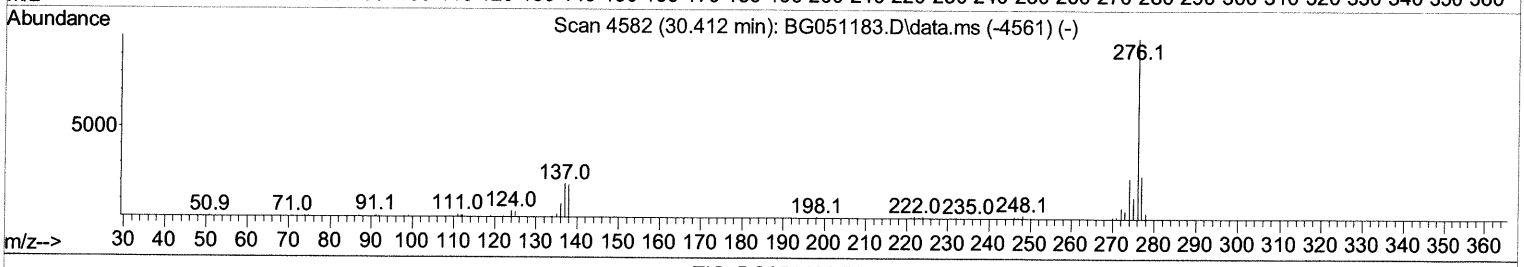

TIC: BG051183.D\data.ms

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

30.412min (0.000) 16.99 ng/ul m 11/29/21 JU

response 200046

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	17.88
277.00	22.00	23.89
0.00	0.00	0.00

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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	8.203	152	31722	20.000	ng/ul	0.00
20) Naphthalene-d8	11.029	136	134783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.831	164	87752	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	196114	20.000	ng/ul	0.00
79) Chrysene-d12	21.881	240	185984	20.000	ng/ul	0.00
88) Perylene-d12	25.283	264	186260	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.544	96	6754	6.872	ng/uL	0.00
4) Pyridine-d5	3.979	84	47299	16.086	ng/ul	0.00
7) Phenol-d5	7.357	99	53566	15.828	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	33839	15.479	ng/ul	0.00
11) 2-Chlorophenol-d4	7.733	132	39347	16.777	ng/ul	0.00
15) 4-Methylphenol-d8	8.914	113	41721	15.660	ng/ul	0.00
21) Nitrobenzene-d5	9.378	128	20553	17.944	ng/ul	0.00
24) 2-Nitrophenol-d4	10.101	143	23277	18.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.653	165	39639	18.477	ng/ul	0.00
31) 4-Chloroaniline-d4	11.164	131	54775	16.860	ng/ul	0.00
46) Dimethylphthalate-d6	14.225	166	118999	17.725	ng/ul	0.00
49) Acenaphthylene-d8	14.531	160	152680	18.254	ng/ul	0.00
54) 4-Nitrophenol-d4	15.048	143	18575	15.259	ng/ul	0.00
60) Fluorene-d10	15.823	176	107035	17.997	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.953	200	20304	17.077	ng/ul	0.00
73) Anthracene-d10	17.680	188	171128	18.456	ng/ul	0.00
81) Pyrene-d10	19.960	212	202940	16.894	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.042	264	178687	17.354	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.585	88	7952	7.366	ng/uL	92
5) Pyridine	4.002	79	49969	16.418	ng/ul	95
6) Benzaldehyde	7.333	77	39907	18.696	ng/ul	94
8) Phenol	7.386	94	54895	15.681	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.610	93	42743	16.312	ng/ul	97
12) 2-Chlorophenol	7.762	128	40766	17.119	ng/ul	95
13) 2-Methylphenol	8.644	108	41047	15.863	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.726	45	61111	14.806	ng/ul	96
16) Acetophenone	9.031	105	65893	15.921	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.002	70	37708	15.101	ng/ul	97
18) 4-Methylphenol	8.979	108	43242	15.695	ng/ul	100
19) Hexachloroethane	9.290	117	17052	17.127	ng/ul	89
22) Nitrobenzene	9.419	77	54380	17.023	ng/ul	97
23) Isophorone	9.936	82	101781	16.417	ng/ul	100
25) 2-Nitrophenol	10.136	139	23621	18.487	ng/ul	98
26) 2,4-Dimethylphenol	10.183	107	48423	17.220	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.412	93	56838	17.015	ng/ul	99
29) 2,4-Dichlorophenol	10.677	162	38380	18.341	ng/ul	97
30) Naphthalene	11.076	128	131602	17.856	ng/ul	97
32) 4-Chloroaniline	11.188	127	55996	17.358	ng/ul	100
33) Hexachlorobutadiene	11.341	225	26738	19.467	ng/ul	97
34) Caprolactam	11.957	113	13708	15.430	ng/ul	95
35) 4-Chloro-3-methylphenol	12.304	107	44501	16.647	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.668	142	86659	17.259	ng/ul	98
37) 1-Methylnaphthalene	12.886	142	90385	17.765	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.033	216	50414	19.717	ng/ul	97
40) Hexachlorocyclopentadiene	13.003	237	10974	8.938	ng/ul	97
41) 2,4,6-Trichlorophenol	13.274	196	32013	19.134	ng/ul	99
42) 2,4,5-Trichlorophenol	13.356	196	31671	17.632	ng/ul	96
43) 1,1'-Biphenyl	13.667	154	120281	18.753	ng/ul	95
44) 2-Chloronaphthalene	13.714	162	94564	18.814	ng/ul	99
45) 2-Nitroaniline	13.920	65	32416	16.232	ng/ul	94
47) Dimethylphthalate	14.272	163	120109	17.892	ng/ul	99
48) 2,6-Dinitrotoluene	14.408	165	25777	18.347	ng/ul	94
50) Acenaphthylene	14.560	152	150316	17.931	ng/ul	98
51) 3-Nitroaniline	14.742	138	26463	18.211	ng/ul	97
52) Acenaphthene	14.895	153	98490	17.868	ng/ul	97
53) 2,4-Dinitrophenol	14.966	184	9705	12.521	ng/ul	86
55) 4-Nitrophenol	15.060	109	15984	14.318	ng/ul	91
56) Dibenzofuran	15.230	168	143568	18.196	ng/ul	99
57) 2,4-Dinitrotoluene	15.201	165	36255	18.081	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.459	232	24965	17.685	ng/ul	96
59) Diethylphthalate	15.624	149	126232	17.568	ng/ul	99
61) Fluorene	15.876	166	113267	18.137	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.859	204	60939	18.739	ng/ul	97
63) 4-Nitroaniline	15.906	138	27528	19.096	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.964	198	19418	16.747	ng/ul	99
67) N-Nitrosodiphenylamine	16.076	169	101415	18.500	ng/ul	97
68) 4-Bromophenyl-phenylether	16.758	248	37622	19.285	ng/ul	91
69) Hexachlorobenzene	16.881	284	38367	19.131	ng/ul	98
70) Atrazine	17.022	200	43223	18.593	ng/ul	99
71) Pentachlorophenol	17.239	266	11651	12.654	ng/ul	95
72) Phenanthrene	17.621	178	194369	18.567	ng/ul	99
74) Anthracene	17.715	178	195965	18.657	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.638	216	53497	20.034	ng/uL	98
76) Pentachlorobenzene	15.148	250	48303	19.523	ng/uL	96
77) Carbazole	17.986	167	179162	19.031	ng/ul	99
78) Di-n-butylphthalate	18.514	149	227179	18.364	ng/ul	98
80) Fluoranthene	19.625	202	244649	16.970	ng/ul	99
82) Pyrene	19.989	202	243372	17.277	ng/ul	97
83) Butylbenzylphthalate	20.847	149	100874	16.653	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.769	252	84596	18.677	ng/ul#	99
85) Benzo(a)anthracene	21.863	228	227184	17.645	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.722	149	147131	16.922	ng/ul	99
87) Chrysene	21.934	228	218670	17.779	ng/ul	98
89) Di-n-octyl phthalate	22.986	149	245697	16.203	ng/ul	100
90) Benzo(b)fluoranthene	24.190	252	224359	16.908	ng/ul	98
91) Benzo(k)fluoranthene	24.261	252	213975	17.185	ng/ul	100
93) Benzo(a)pyrene	25.124	252	216502	17.131	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.190	276	239252	17.007	ng/ul	98
95) Dibenzo(a,h)anthracene	29.243	278	204736	17.200	ng/ul	96
96) Benzo(g,h,i)perylene	30.412	276	200046m	> 16.987	ng/ul	> 11/29/21 JU

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