Quantitation Report (QT Reviewed)

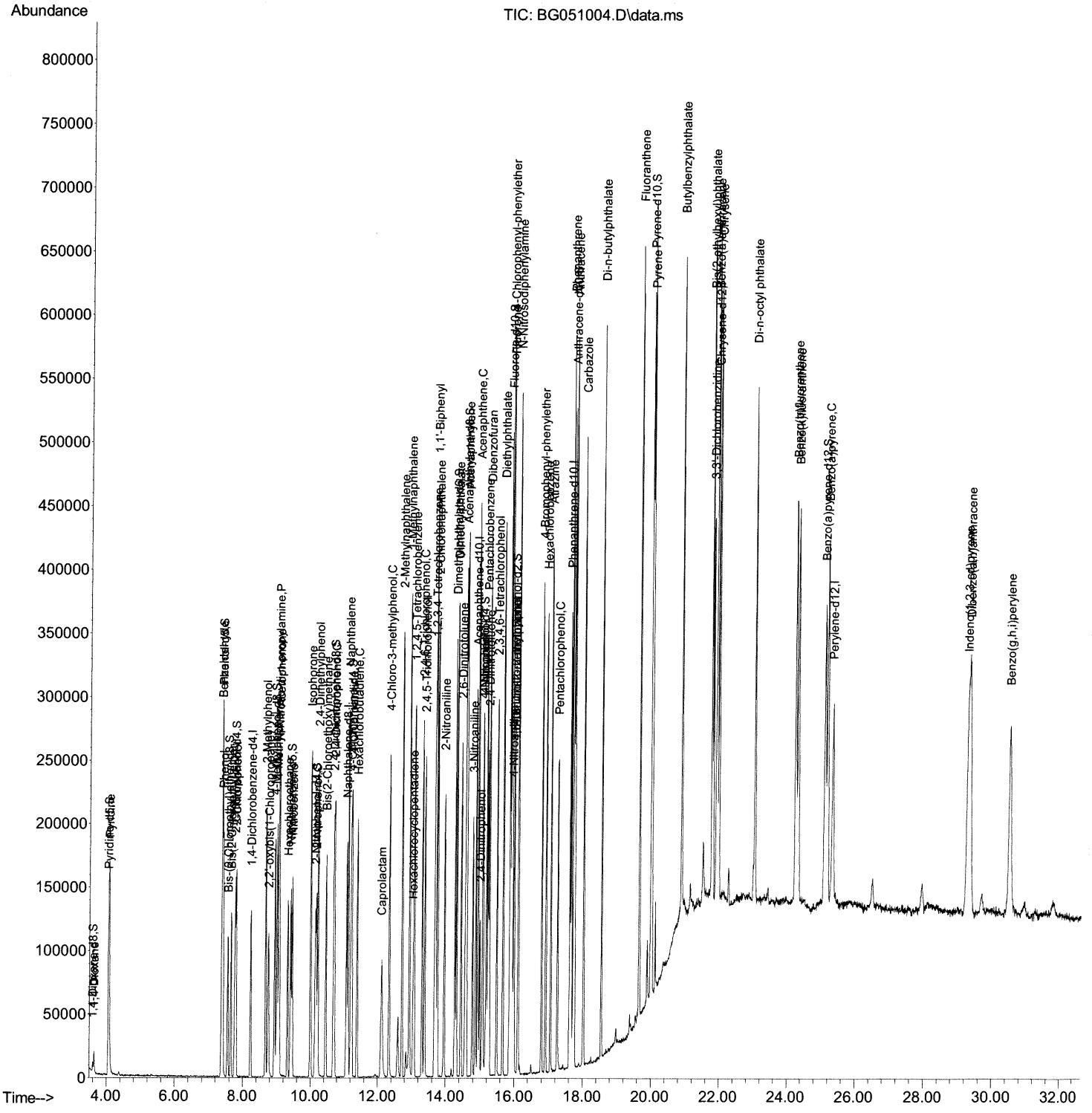
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051004.D
Acq On : 12 Nov 2021 18:41
Operator : CG/JU
Sample : PB140711BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Nov 15 00:37:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 15 00:27:19 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS711

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



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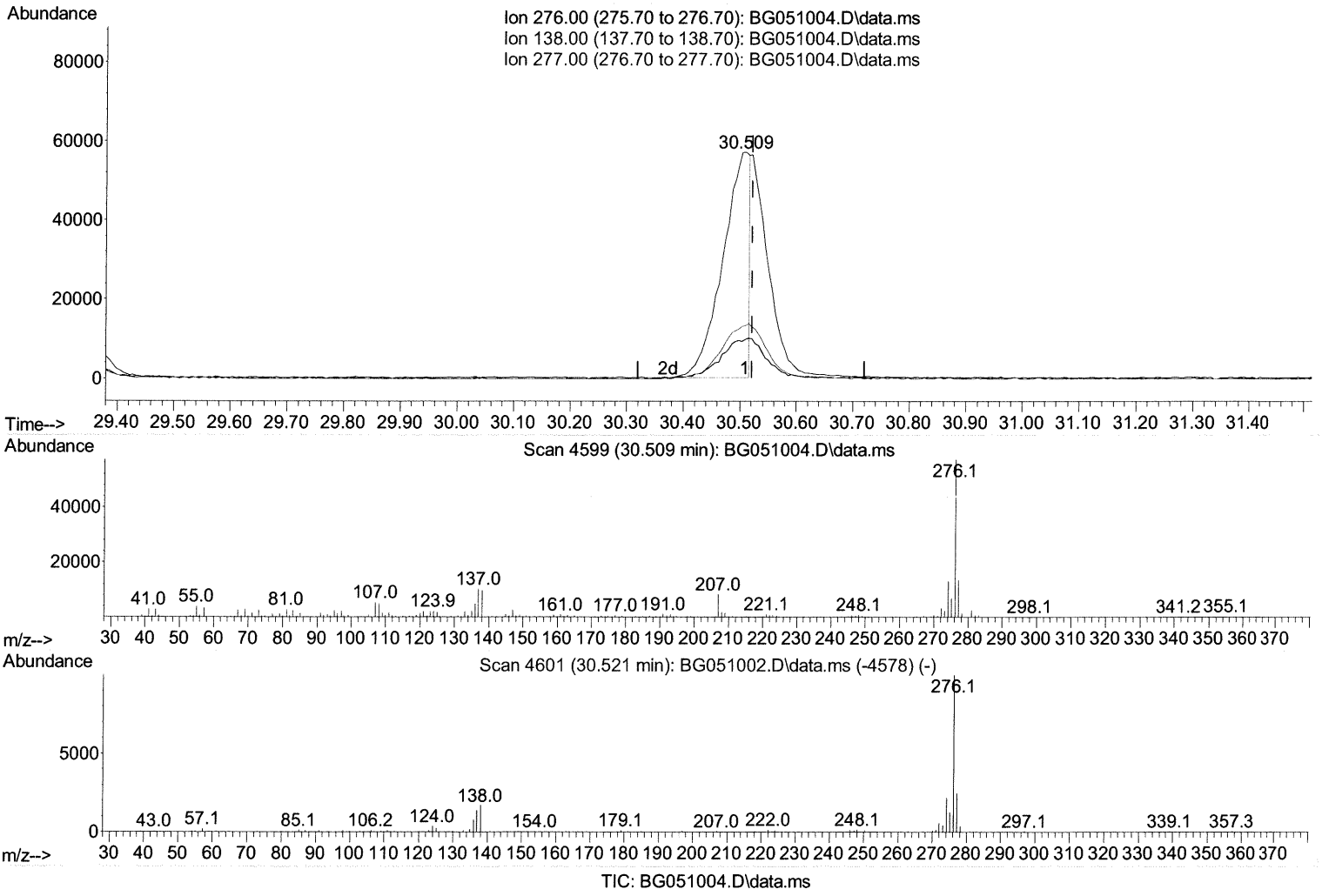

TIC: BG051004.D\data.ms

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

30.509min (-0.012) 17.67 ng/ul

response 186759

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	17.27
277.00	22.00	23.57
0.00	0.00	0.00

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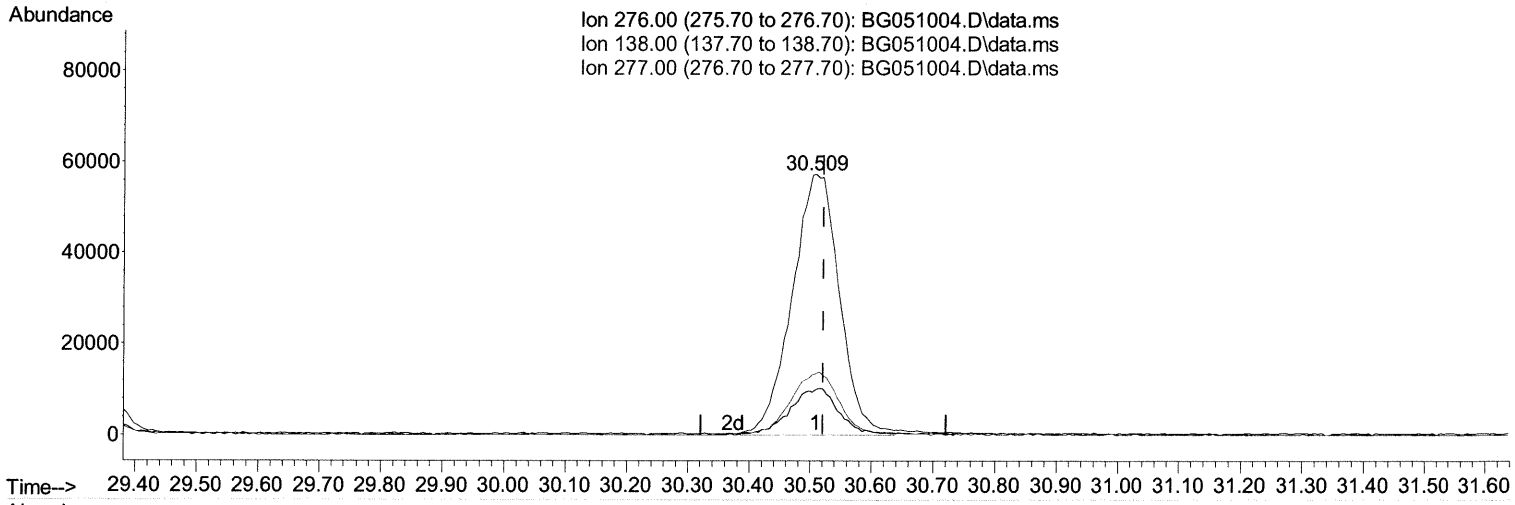

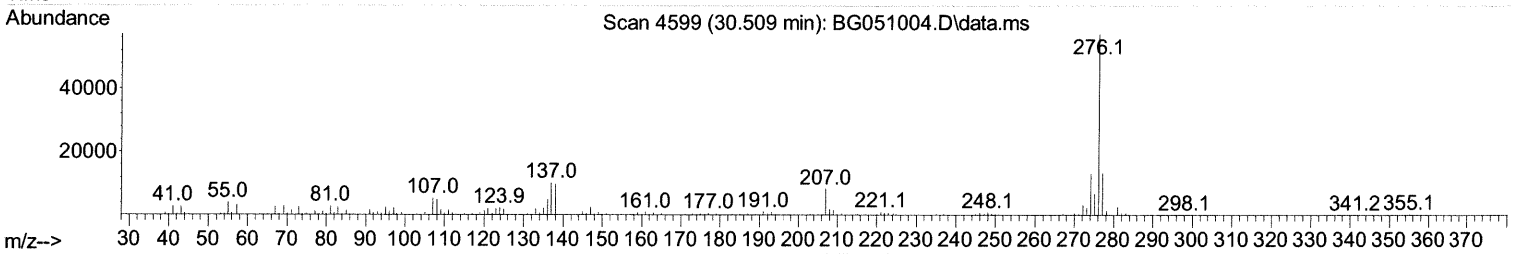

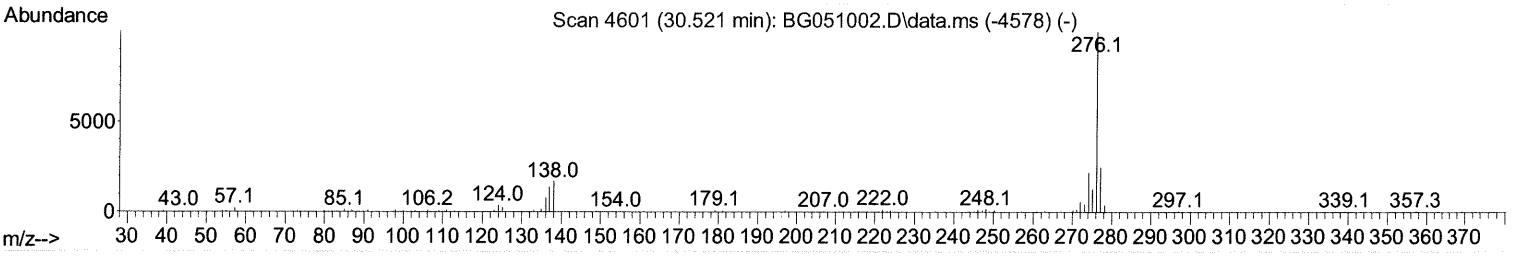

TIC: BG051004.D\data.ms

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

30.509min (-0.012) 29.29 ng/ul m 11/17/21JU

response 309633

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	17.27
277.00	22.00	23.57
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	35090	20.000	ng/ul	0.00
20) Naphthalene-d8	11.067	136	159822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	105013	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	223446	20.000	ng/ul	0.00
79) Chrysene-d12	21.913	240	168025	20.000	ng/ul	# 0.00
88) Perylene-d12	25.333	264	167202	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	4213	3.875	ng/uL	0.00
4) Pyridine-d5	4.052	84	76651	23.567	ng/ul	-0.01
7) Phenol-d5	7.389	99	93941	25.095	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	57095	23.611	ng/ul	0.00
11) 2-Chlorophenol-d4	7.771	132	68005	26.213	ng/ul	0.00
15) 4-Methylphenol-d8	8.946	113	73803	25.043	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	35426	26.083	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	42211	27.951	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.685	165	71305	28.030	ng/ul	0.00
31) 4-Chloroaniline-d4	11.202	131	98947	25.684	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	233674	29.085	ng/ul	0.00
49) Acenaphthylene-d8	14.563	160	292291	29.201	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	43221	29.670	ng/ul	0.00
60) Fluorene-d10	15.856	176	204621	28.750	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	39820	29.394	ng/ul	0.00
73) Anthracene-d10	17.712	188	305929	28.959	ng/ul	0.00
81) Pyrene-d10	19.986	212	314195	28.951	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.098	264	257578	27.867	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	9858	8.255	ng/uL	96
5) Pyridine	4.075	79	79302	23.554	ng/ul	94
6) Benzaldehyde	7.377	77	63057	26.706	ng/ul	99
8) Phenol	7.413	94	100860	26.046	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.648	93	71230	24.574	ng/ul	98
12) 2-Chlorophenol	7.800	128	69494	26.382	ng/ul	98
13) 2-Methylphenol	8.676	108	73584	25.708	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.764	45	108926	23.858	ng/ul	99
16) Acetophenone	9.075	105	120948	26.418	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.058	70	70961	25.690	ng/ul	99
18) 4-Methylphenol	9.011	108	79590	26.115	ng/ul	96
19) Hexachloroethane	9.328	117	27877	25.312	ng/ul	97
22) Nitrobenzene	9.463	77	100340	26.489	ng/ul	99
23) Isophorone	10.004	82	199092	27.082	ng/ul	97
25) 2-Nitrophenol	10.174	139	43119	28.460	ng/ul	98
26) 2,4-Dimethylphenol	10.221	107	90022	26.998	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.456	93	103717	26.184	ng/ul	97
29) 2,4-Dichlorophenol	10.709	162	71325	28.744	ng/ul	97
30) Naphthalene	11.120	128	240638	27.535	ng/ul	97
32) 4-Chloroaniline	11.226	127	96603	25.254	ng/ul	99
33) Hexachlorobutadiene	11.384	225	46025	28.260	ng/ul	97
34) Caprolactam	12.101	113	28756	27.297	ng/ul	96
35) 4-Chloro-3-methylphenol	12.330	107	91508	28.868	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.706	142	164796	27.679	ng/ul	99
37) 1-Methylnaphthalene	12.924	142	167586	27.779	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.071	216	92308	30.168	ng/ul	95
40) Hexachlorocyclopentadiene	13.035	237	28279	19.246	ng/ul	98
41) 2,4,6-Trichlorophenol	13.306	196	66223	33.075	ng/ul	99
42) 2,4,5-Trichlorophenol	13.382	196	71200	33.123	ng/ul	100
43) 1,1'-Biphenyl	13.699	154	227240	29.605	ng/ul	98
44) 2-Chloronaphthalene	13.752	162	178527	29.680	ng/ul	98
45) 2-Nitroaniline	13.952	65	68828	28.801	ng/ul	94
47) Dimethylphthalate	14.310	163	237161	29.522	ng/ul	99
48) 2,6-Dinitrotoluene	14.440	165	49900	29.678	ng/ul	96
50) Acenaphthylene	14.592	152	296541	29.560	ng/ul	99
51) 3-Nitroaniline	14.775	138	49747	28.607	ng/ul	97
52) Acenaphthene	14.933	153	191784	29.074	ng/ul	95
53) 2,4-Dinitrophenol	14.986	184	27090	29.206	ng/ul	90
55) 4-Nitrophenol	15.074	109	39645	29.675	ng/ul	97
56) Dibenzofuran	15.262	168	274127	29.033	ng/ul	99
57) 2,4-Dinitrotoluene	15.227	165	70261	29.281	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.486	232	58145	34.420	ng/ul	98
59) Diethylphthalate	15.662	149	248190	28.863	ng/ul	99
61) Fluorene	15.914	166	218446	29.230	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.897	204	117198	30.116	ng/ul	93
63) 4-Nitroaniline	15.938	138	50133	29.060	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.991	198	39762	30.097	ng/ul	98
67) N-Nitrosodiphenylamine	16.108	169	195684	31.330	ng/ul	98
68) 4-Bromophenyl-phenylether	16.790	248	72719	32.717	ng/ul	93
69) Hexachlorobenzene	16.913	284	73997	32.384	ng/ul	97
70) Atrazine	17.054	200	74595	28.164	ng/ul	98
71) Pentachlorophenol	17.260	266	44126	42.062	ng/ul	97
72) Phenanthrene	17.654	178	360349	30.212	ng/ul	99
74) Anthracene	17.748	178	351641	29.383	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.670	216	97117	31.921	ng/uL	98
76) Pentachlorobenzene	15.180	250	89268	31.666	ng/uL	99
77) Carbazole	18.018	167	321449	29.968	ng/ul	99
78) Di-n-butylphthalate	18.547	149	401107	28.458	ng/ul	99
80) Fluoranthene	19.657	202	392916	30.168	ng/ul	96
82) Pyrene	20.015	202	379256	29.802	ng/ul	97
83) Butylbenzylphthalate	20.879	149	152777	27.918	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.802	252	115104	28.129	ng/ul	99
85) Benzo(a)anthracene	21.896	228	340508	29.273	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.760	149	216044	27.503	ng/ul#	100
87) Chrysene	21.966	228	329084	29.615	ng/ul	99
89) Di-n-octyl phthalate	23.030	149	367981	27.033	ng/ul	100
90) Benzo(b)fluoranthene	24.240	252	340292	28.569	ng/ul	99
91) Benzo(k)fluoranthene	24.310	252	317785	28.431	ng/ul	99
93) Benzo(a)pyrene	25.180	252	325489	28.691	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.275	276	369433	29.253	ng/ul	96
95) Dibenzo(a,h)anthracene	29.340	278	322232	30.156	ng/ul	97
96) Benzo(g,h,i)perylene	30.509	276	309633m	29.290	ng/ul	11/17/21 JU

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