Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050930.D
Acq On : 10 Nov 2021 6:00
Operator : CG/JU
Sample : PB140619BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

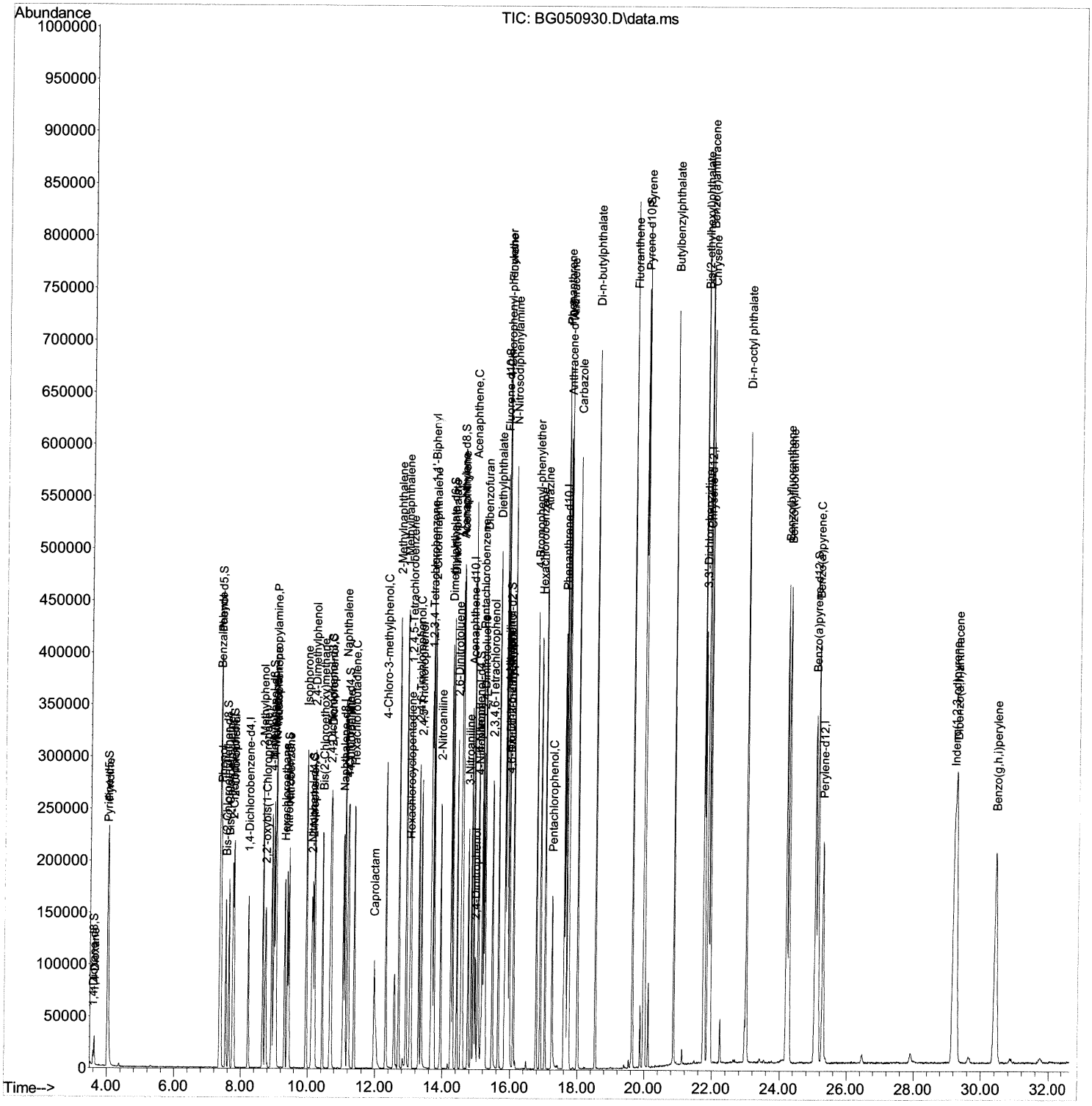
Quant Time: Nov 10 07:53:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS619

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay
11/10/2021

Supervised By :mohammad ahmed
11/11/2021



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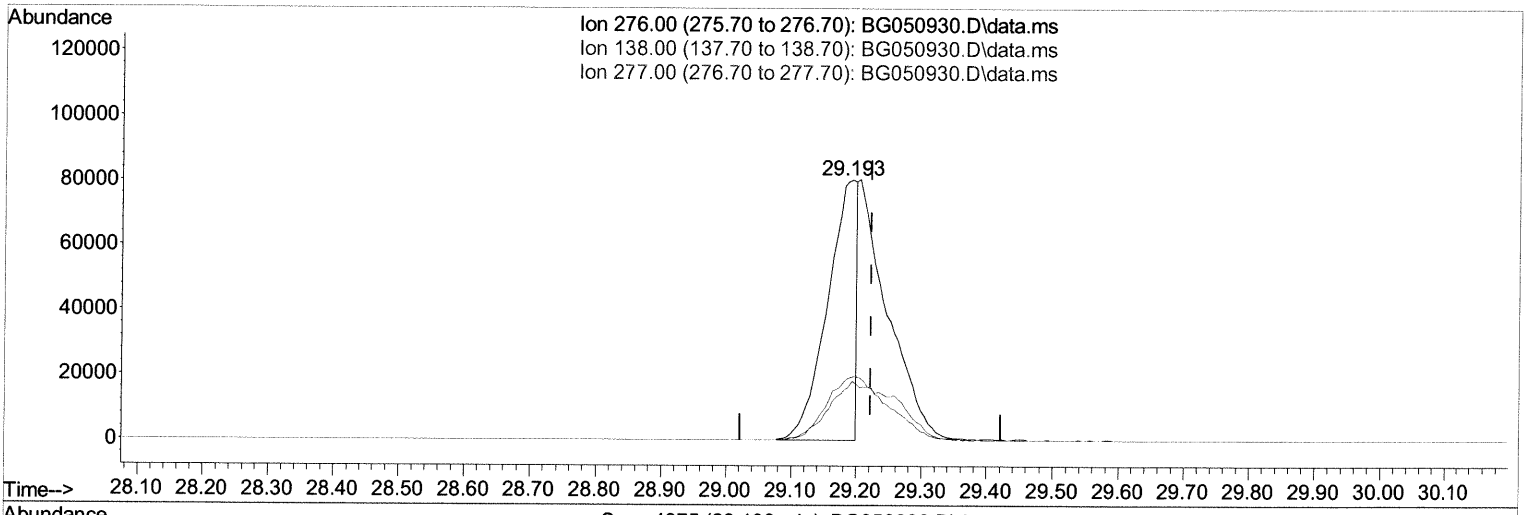

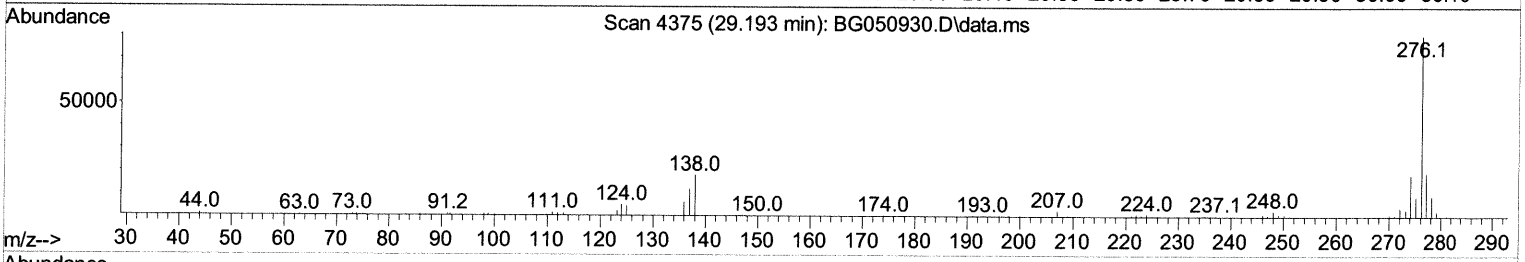

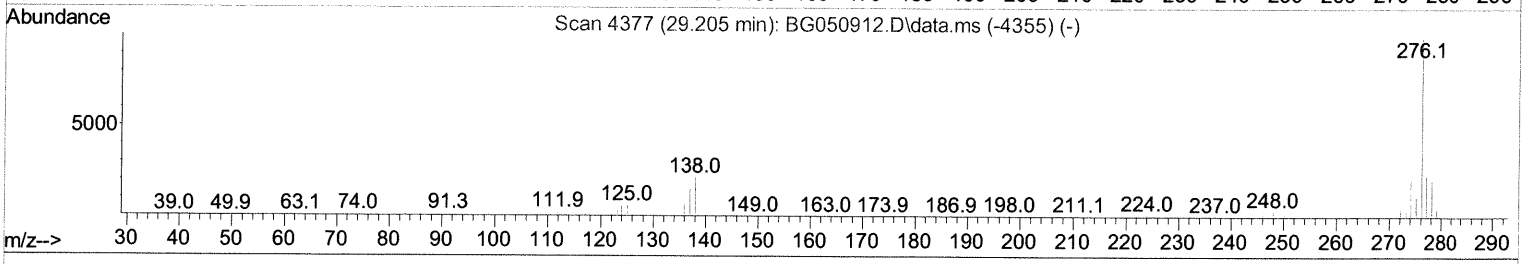

TIC: BG050930.D\data.ms

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

29.193min (-0.029) 14.94 ng/ul

response 251807

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	22.47
277.00	25.60	24.25
0.00	0.00	0.00

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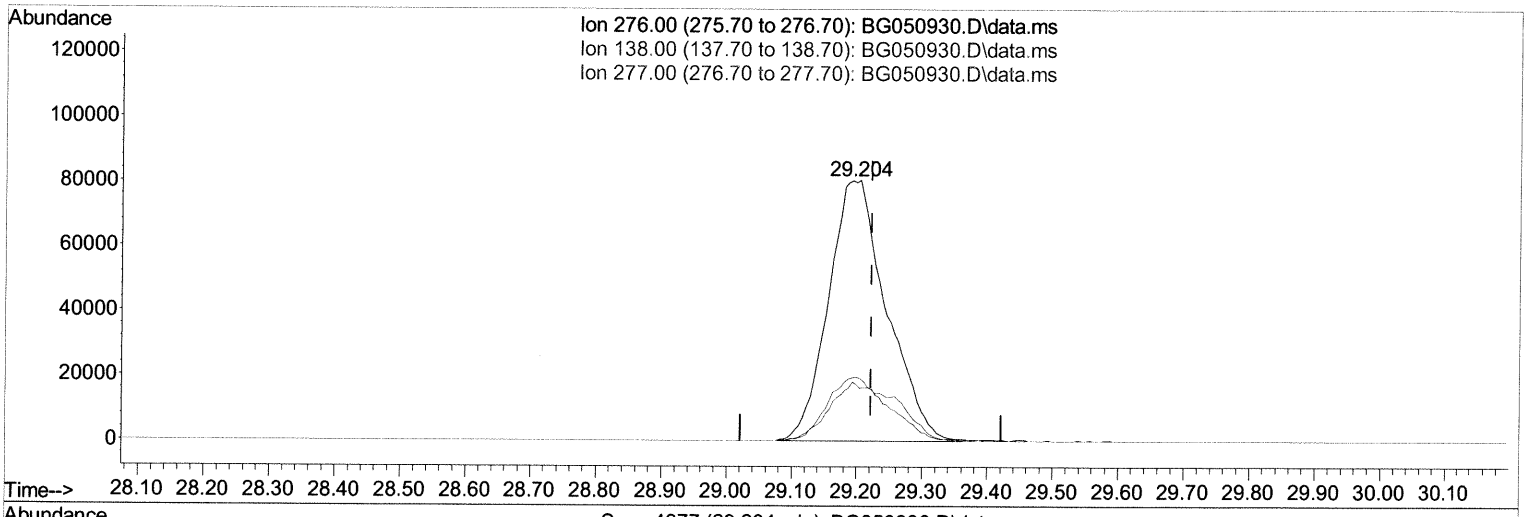

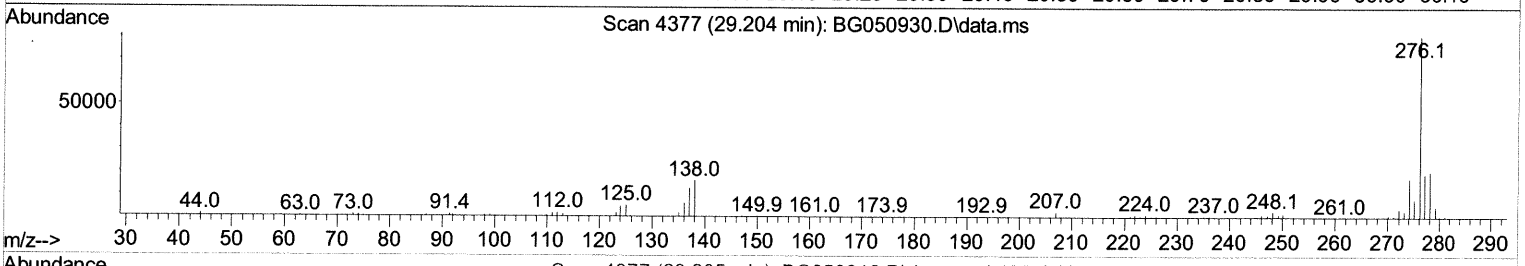

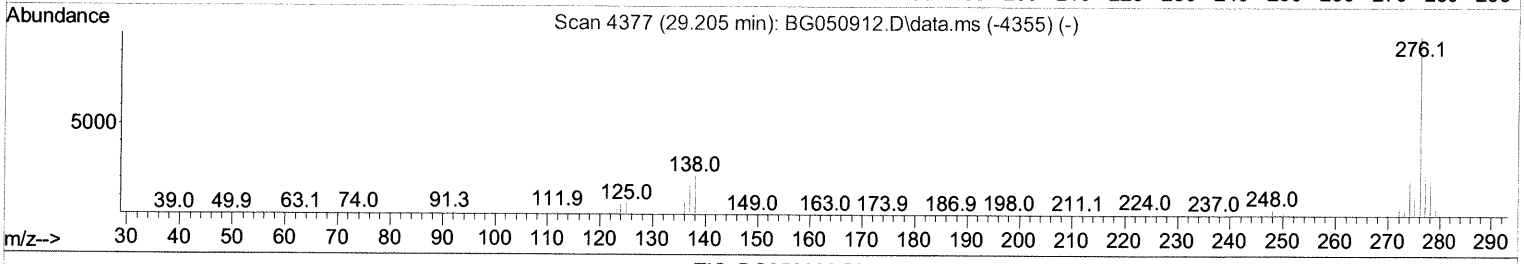

TIC: BG050930.D\data.ms

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

29.204min (-0.017) 29.59 ng/ul m 11/11/21 JU

response 498668

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	20.12
277.00	25.60	24.01
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	8.229	152	44321	20.00	ng/ul	0.00
20) Naphthalene-d8	11.055	136	189584	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	118986	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	258441	20.00	ng/ul	-0.01
79) Chrysene-d12	21.895	240	222765	20.00	ng/ul	-0.01
88) Perylene-d12	25.291	264	223104	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	7571	5.51	ng/uL	0.00
4) Pyridine-d5	4.010	84	108742	26.47	ng/ul	0.00
7) Phenol-d5	7.371	99	126034	26.66	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	82488	27.01	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	87952	26.84	ng/ul	-0.01
15) 4-Methylphenol-d8	8.928	113	94505	25.39	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	45810	28.43	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	49802	27.80	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.667	165	84872	28.13	ng/ul	0.00
31) 4-Chloroaniline-d4	11.184	131	107046	23.42	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	260013	28.56	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	331327	29.21	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	45666	27.67	ng/ul	0.00
60) Fluorene-d10	15.838	176	229048	28.40	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.955	200	42779	27.30	ng/ul	0.00
73) Anthracene-d10	17.694	188	354159	28.98	ng/ul	-0.01
81) Pyrene-d10	19.968	212	415339	28.87	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.056	264	352459	28.58	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.629	88	16584	11.00	ng/uL	97
5) Pyridine	4.034	79	113851	26.77	ng/ul	97
6) Benzaldehyde	7.359	77	85102	28.54	ng/ul	94
8) Phenol	7.401	94	130930	26.77	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.636	93	102323	27.95	ng/ul	98
12) 2-Chlorophenol	7.788	128	91728	27.57	ng/ul	98
13) 2-Methylphenol	8.658	108	95082	26.30	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.746	45	153715	26.66	ng/ul	96
16) Acetophenone	9.057	105	149299	25.82	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.034	70	90783	26.02	ng/ul	96
18) 4-Methylphenol	8.993	108	101747	26.43	ng/ul	96
19) Hexachloroethane	9.316	117	39100	28.11	ng/ul	96
22) Nitrobenzene	9.445	77	129850	28.90	ng/ul	97
23) Isophorone	9.962	82	244951	28.09	ng/ul	100
25) 2-Nitrophenol	10.156	139	53067	29.53	ng/ul	97
26) 2,4-Dimethylphenol	10.203	107	115255	29.14	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.444	93	135685	28.88	ng/ul	98
29) 2,4-Dichlorophenol	10.691	162	86223	29.29	ng/ul	97
30) Naphthalene	11.102	128	298728	28.82	ng/ul	97
32) 4-Chloroaniline	11.208	127	108767	23.97	ng/ul	100
33) Hexachlorobutadiene	11.378	225	57119	29.57	ng/ul	98
34) Caprolactam	11.966	113	32122	25.71	ng/ul	96
35) 4-Chloro-3-methylphenol	12.312	107	104930	27.91	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.694	142	196554	27.83	ng/ul	96
37) 1-Methylnaphthalene	12.912	142	199473	27.87	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	105462	30.42	ng/ul	96
40) Hexachlorocyclopentadiene	13.023	237	47306	28.41	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.288	196	69034	30.43	ng/ul	98
42) 2,4,5-Trichlorophenol	13.364	196	72689	29.84	ng/ul	100
43) 1,1'-Biphenyl	13.687	154	263689	30.32	ng/ul	100
44) 2-Chloronaphthalene	13.734	162	205672	30.18	ng/ul	98
45) 2-Nitroaniline	13.934	65	80886	29.87	ng/ul	98
47) Dimethylphthalate	14.293	163	269113	29.57	ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	57902	30.39	ng/ul	100
50) Acenaphthylene	14.580	152	338987	29.82	ng/ul	99
51) 3-Nitroaniline	14.757	138	53909	27.36	ng/ul	91
52) Acenaphthene	14.915	153	223446	29.90	ng/ul	97
53) 2,4-Dinitrophenol	14.968	184	25634	24.39	ng/ul	87
55) 4-Nitrophenol	15.056	109	41803	27.62	ng/ul	95
56) Dibenzofuran	15.250	168	316181	29.55	ng/ul	99
57) 2,4-Dinitrotoluene	15.209	165	80264	29.52	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.468	232	57542	30.06	ng/ul	97
59) Diethylphthalate	15.650	149	284195	29.17	ng/ul	99
61) Fluorene	15.897	166	248327	29.33	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.879	204	129040	29.26	ng/ul	99
63) 4-Nitroaniline	15.914	138	57852	29.60	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.973	198	43488	28.46	ng/ul#	97
67) N-Nitrosodiphenylamine	16.096	169	219636	30.40	ng/ul	97
68) 4-Bromophenyl-phenylether	16.772	248	79020	30.74	ng/ul	96
69) Hexachlorobenzene	16.895	284	81572	30.86	ng/ul	95
70) Atrazine	17.030	200	88202	28.79	ng/ul	98
71) Pentachlorophenol	17.242	266	33783	27.84	ng/ul	96
72) Phenanthrene	17.642	178	417171	30.24	ng/ul	99
74) Anthracene	17.730	178	412435	29.80	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.658	216	109784	31.20	ng/uL	95
76) Pentachlorobenzene	15.168	250	95116	29.17	ng/uL	97
77) Carbazole	18.000	167	388646	31.33	ng/ul	98
78) Di-n-butylphthalate	18.529	149	494819	30.35	ng/ul	100
80) Fluoranthene	19.639	202	519948	30.11	ng/ul	99
82) Pyrene	20.003	202	496949	29.45	ng/ul	100
83) Butylbenzylphthalate	20.867	149	219765	30.29	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.778	252	141418	26.07	ng/ul	98
85) Benzo(a)anthracene	21.872	228	461350	29.92	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.743	149	312283	29.99	ng/ul	100
87) Chrysene	21.942	228	440750	29.92	ng/ul	99
89) Di-n-octyl phthalate	23.012	149	532623	29.32	ng/ul	100
90) Benzo(b)fluoranthene	24.204	252	468364	29.47	ng/ul	99
91) Benzo(k)fluoranthene	24.275	252	434435	29.13	ng/ul	100
93) Benzo(a)pyrene	25.133	252	441262	29.15	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.204	276	498668m	> 29.59	ng/ul	> IWalJW
95) Dibenzo(a,h)anthracene	29.263	278	419157	29.40	ng/ul	99
96) Benzo(g,h,i)perylene	30.427	276	414920	29.42	ng/ul	98

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