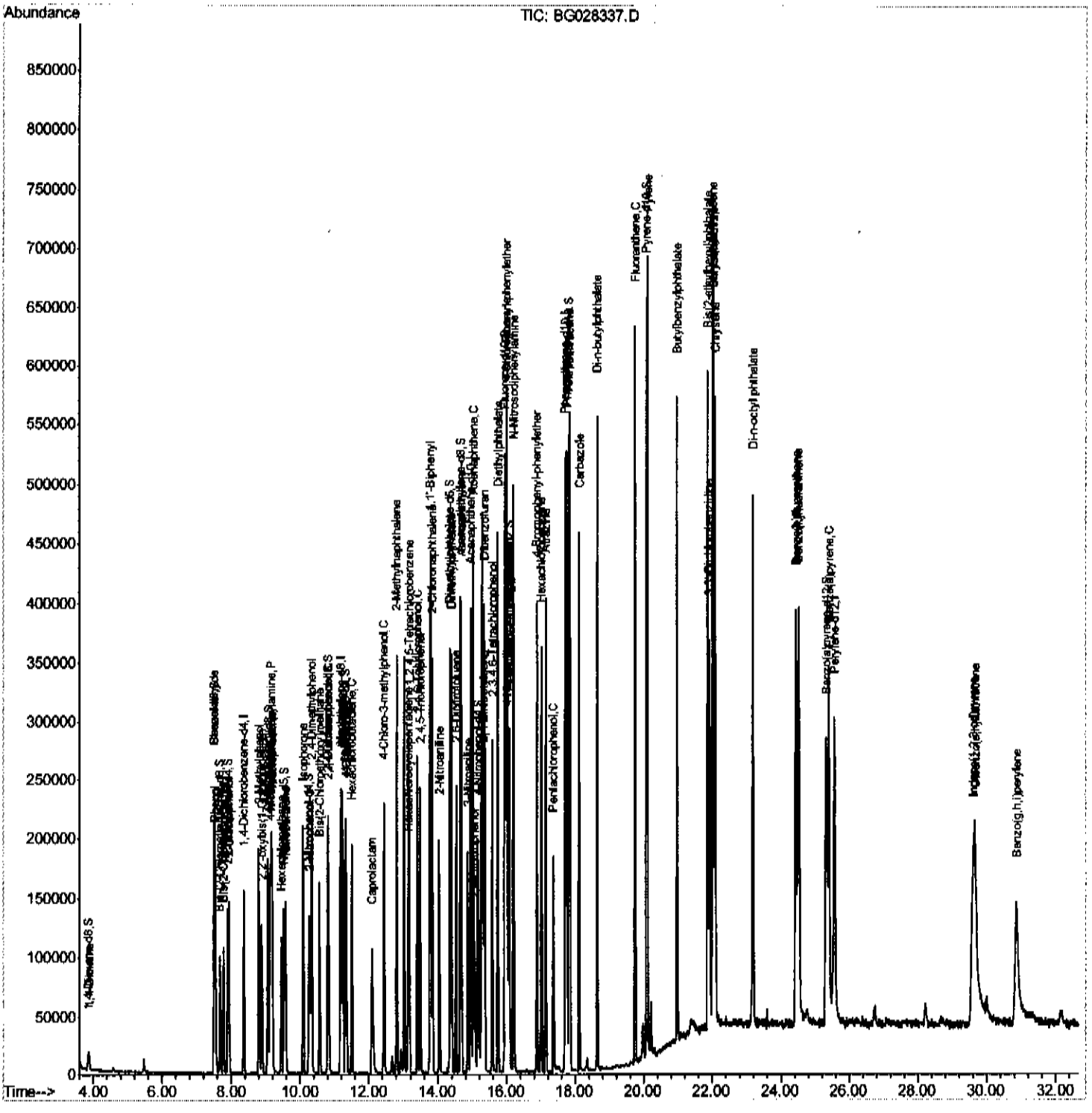
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028337.D
Acq On : 15 Aug 2017 7:20
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 07:56:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02069

Manual Integrations APPROVED
Sohil
8/15/2017 6:01:41 PM



Quantitation Report (Qedit)

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Data File : BG028337.D
Acq On : 15 Aug 2017 7:20
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
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Quant Time: Aug 15 07:55:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:41:43 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
Sohil
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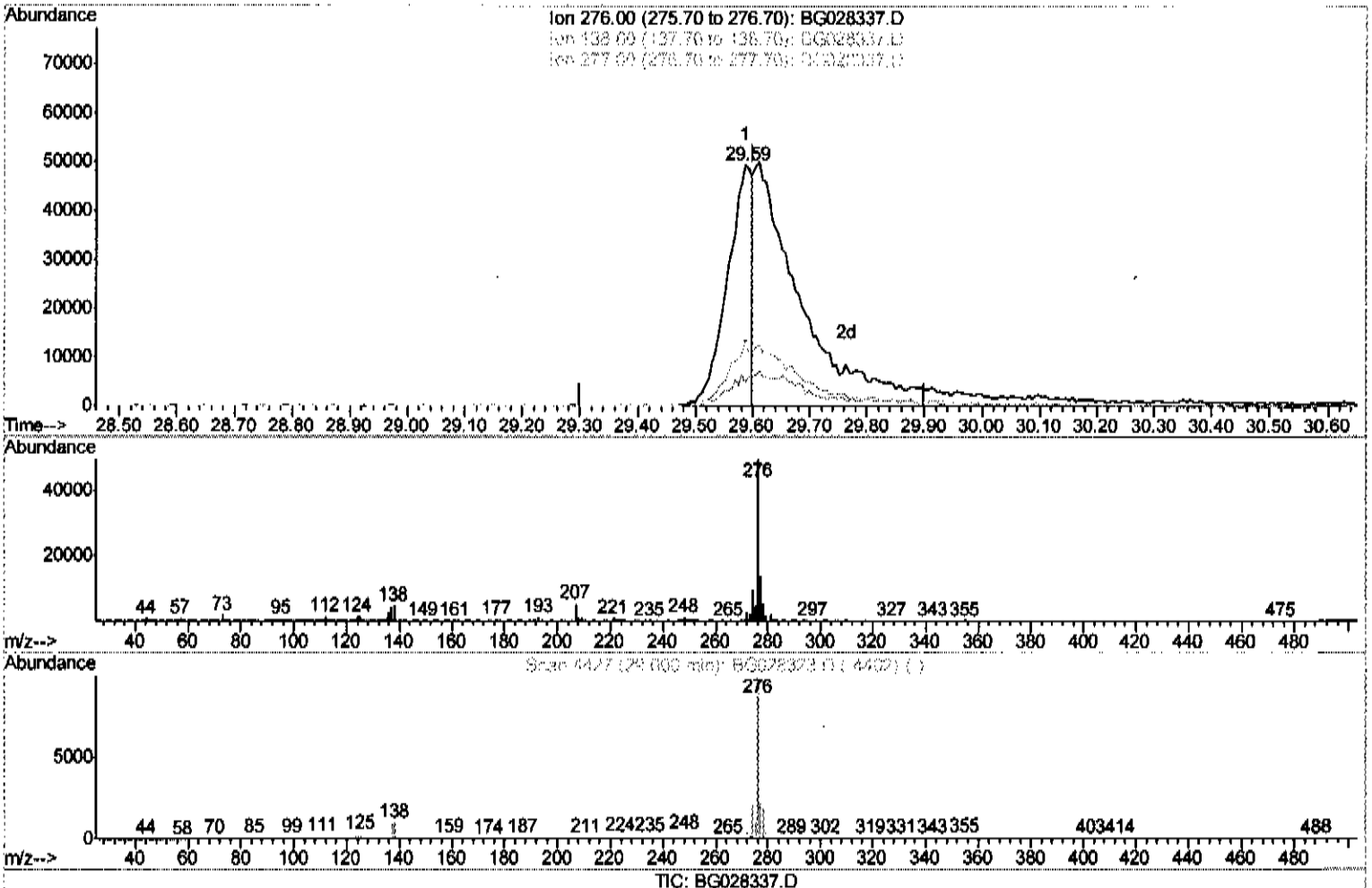

TIC: BG028337.D

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

29.587min (-0.013) 6.70ng/ul

response 149612

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.80
277.00	23.30	27.84
0.00	0.00	0.00

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Sohil
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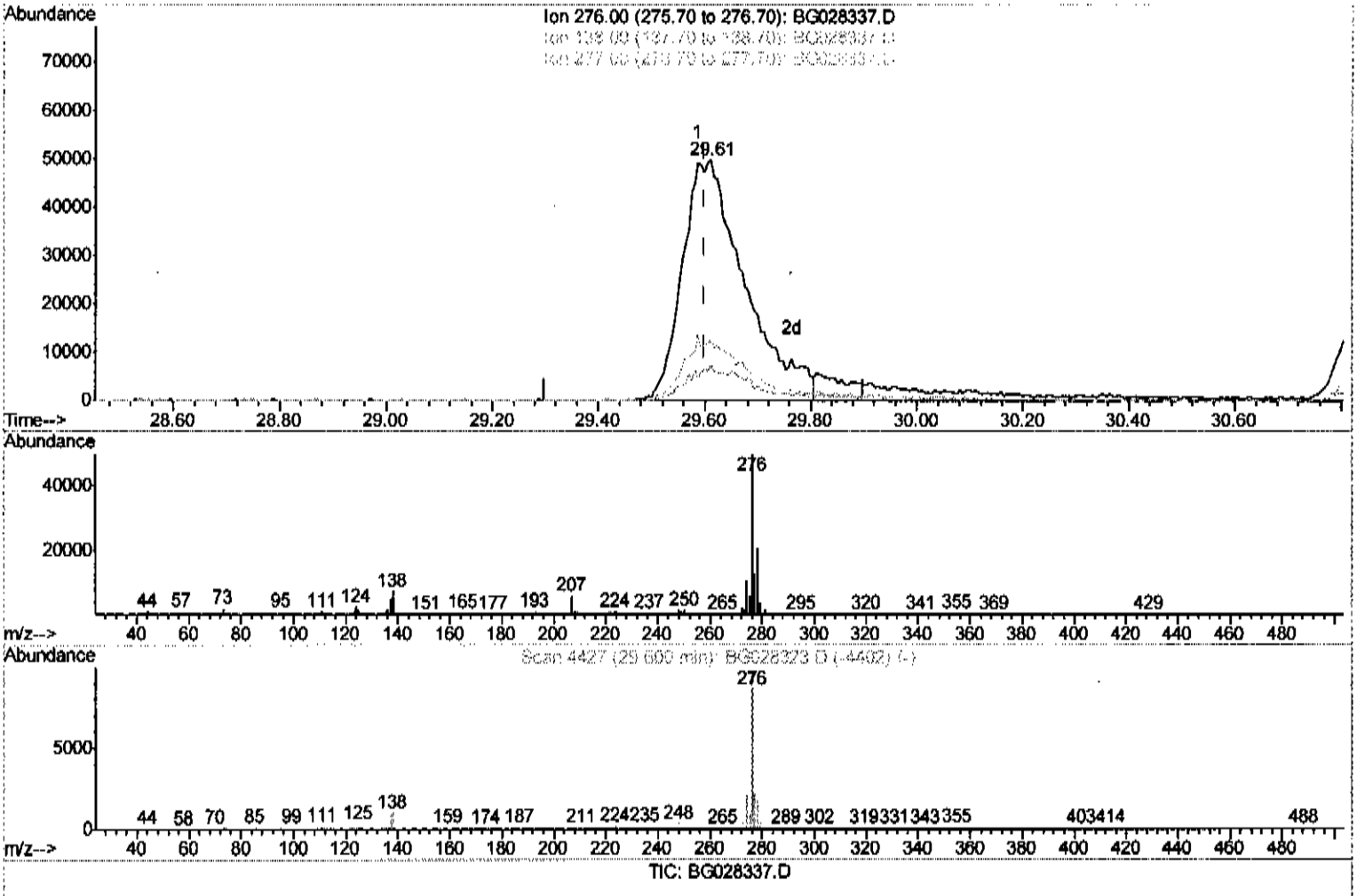

(89) Indeno(1,2,3-cd)pyrene

29.611min (+0.011) 18.06ng/ul m

response 403574

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	14.42#
277.00	23.30	25.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	41983	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	196541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	139053	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	330977	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	362414	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	329333	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	6408	7.11	ng/uL	0.00
5) Phenol-d5	7.51	99	86270	18.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	51435	17.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	61184	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	74142	19.24	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	32775	21.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	39509	23.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	74442	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	87897	22.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	245520	19.85	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	298026	21.37	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	34434	17.51	ng/ul	0.00
57) Fluorene-d10	15.96	176	226221	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	45947	21.37	ng/ul	0.00
70) Anthracene-d10	17.81	188	328774	20.72	ng/ul	0.00
76) Pyrene-d10	20.09	212	365149	19.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	325530	21.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.87	88	7511	7.93	ng/uL#	88
4) Benzaldehyde	7.50	77	52606	19.74	ng/ul	95
6) Phenol	7.54	94	87203	19.03	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.77	93	58228	18.65	ng/ul	98
10) 2-Chlorophenol	7.92	128	58029	20.47	ng/ul	90
11) 2-Methylphenol	8.79	108	62479	19.32	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.88	45	124573	16.44	ng/ul#	93
14) Acetophenone	9.18	105	104308	18.98	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.15	70	58445	18.71	ng/ul#	93
16) 4-Methylphenol	9.12	108	69906	19.14	ng/ul	96
17) Hexachloroethane	9.45	117	24618	20.96	ng/ul	96
20) Nitrobenzene	9.57	77	87617	19.69	ng/ul	97
21) Isophorone	10.08	82	159879	18.92	ng/ul#	95
23) 2-Nitrophenol	10.29	139	37647	22.13	ng/ul#	83
24) 2,4-Dimethylphenol	10.33	107	82652	19.55	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	88073	19.13	ng/ul	95
27) 2,4-Dichlorophenol	10.82	162	66795	21.05	ng/ul	97
28) Naphthalene	11.23	128	201323	20.68	ng/ul	98
30) 4-Chloroaniline	11.33	127	83316	22.15	ng/ul	94
31) Hexachlorobutadiene	11.50	225	49547	21.15	ng/ul	93
32) Caprolactam	12.08	113	25634	19.42	ng/ul	90
33) 4-Chloro-3-methylphenol	12.44	107	85327	21.06	ng/ul	97
34) 2-Methylnaphthalene	12.81	142	158234	20.24	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	98803	22.04 ng/ul#	92
37) Hexachlorocyclopentadiene	13.14	237	42552	17.21 ng/ul#	95
38) 2,4,6-Trichlorophenol	13.41	196	68433	24.50 ng/ul	98
39) 2,4,5-Trichlorophenol	13.49	196	70739	23.23 ng/ul	97
40) 1,1'-Biphenyl	13.79	154	212763	20.95 ng/ul	98
41) 2-Chloronaphthalene	13.85	162	171333	21.35 ng/ul	93
42) 2-Nitroaniline	14.05	65	68495	20.36 ng/ul	92
44) Dimethylphthalate	14.40	163	223114	19.59 ng/ul#	98
45) 2,6-Dinitrotoluene	14.53	165	52608	22.38 ng/ul#	91
47) Acenaphthylene	14.69	152	280293	21.03 ng/ul	98
48) 3-Nitroaniline	14.87	138	43862	20.72 ng/ul#	93
49) Acenaphthene	15.03	153	188862	21.01 ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	27118	20.47 ng/ul#	87
52) 4-Nitrophenol	15.17	109	32833	16.11 ng/ul#	81
53) Dibenzofuran	15.36	168	274737	20.96 ng/ul	94
54) 2,4-Dinitrotoluene	15.32	165	73945	20.75 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.59	232	61228	21.59 ng/ul#	93
56) Diethylphthalate	15.75	149	249350	18.67 ng/ul	100
58) Fluorene	16.01	166	230085	19.82 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.99	204	125982	20.23 ng/ul#	84
60) 4-Nitroaniline	16.03	138	45985	18.31 ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	16.09	198	44242	20.29 ng/ul#	98
64) N-Nitrosodiphenylamine	16.20	169	191534	22.00 ng/ul	97
65) 4-Bromophenyl-phenylether	16.88	248	84167	23.66 ng/ul	95
66) Hexachlorobenzene	17.02	284	83988	22.18 ng/ul	95
67) Atrazine	17.14	200	76650	20.19 ng/ul	94
68) Pentachlorophenol	17.37	266	39440	20.56 ng/ul	96
69) Phenanthrene	17.75	178	348624	20.93 ng/ul	97
71) Anthracene	17.85	178	361663	21.24 ng/ul	98
72) Carbazole	18.12	167	305120	20.61 ng/ul	97
73) Di-n-butylphthalate	18.64	149	381784	20.72 ng/ul#	97
74) Fluoranthene	19.75	202	410207	20.26 ng/ul	99
77) Pyrene	20.12	202	434277	20.09 ng/ul	99
78) Butylbenzylphthalate	20.98	149	169653	20.94 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.93	252	140643	20.11 ng/ul	95
80) Benzo(a)anthracene	22.03	228	431186	20.59 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	236291	20.51 ng/ul	96
82) Chrysene	22.10	228	391076	20.74 ng/ul	99
84) Di-n-octyl phthalate	23.18	149	406108	20.58 ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	401066	20.35 ng/ul	98
86) Benzo(k)fluoranthene	24.51	252	411770	21.39 ng/ul	98
88) Benzo(a)pyrene	25.40	252	403797	21.16 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.61	276	403574m	18.06 ng/ul	90
90) Dibenzo(a,h)anthracene	29.66	278	320845	17.13 ng/ul#	90
91) Benzo(g,h,i)perylene	30.86	276	310119	16.87 ng/ul#	94

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