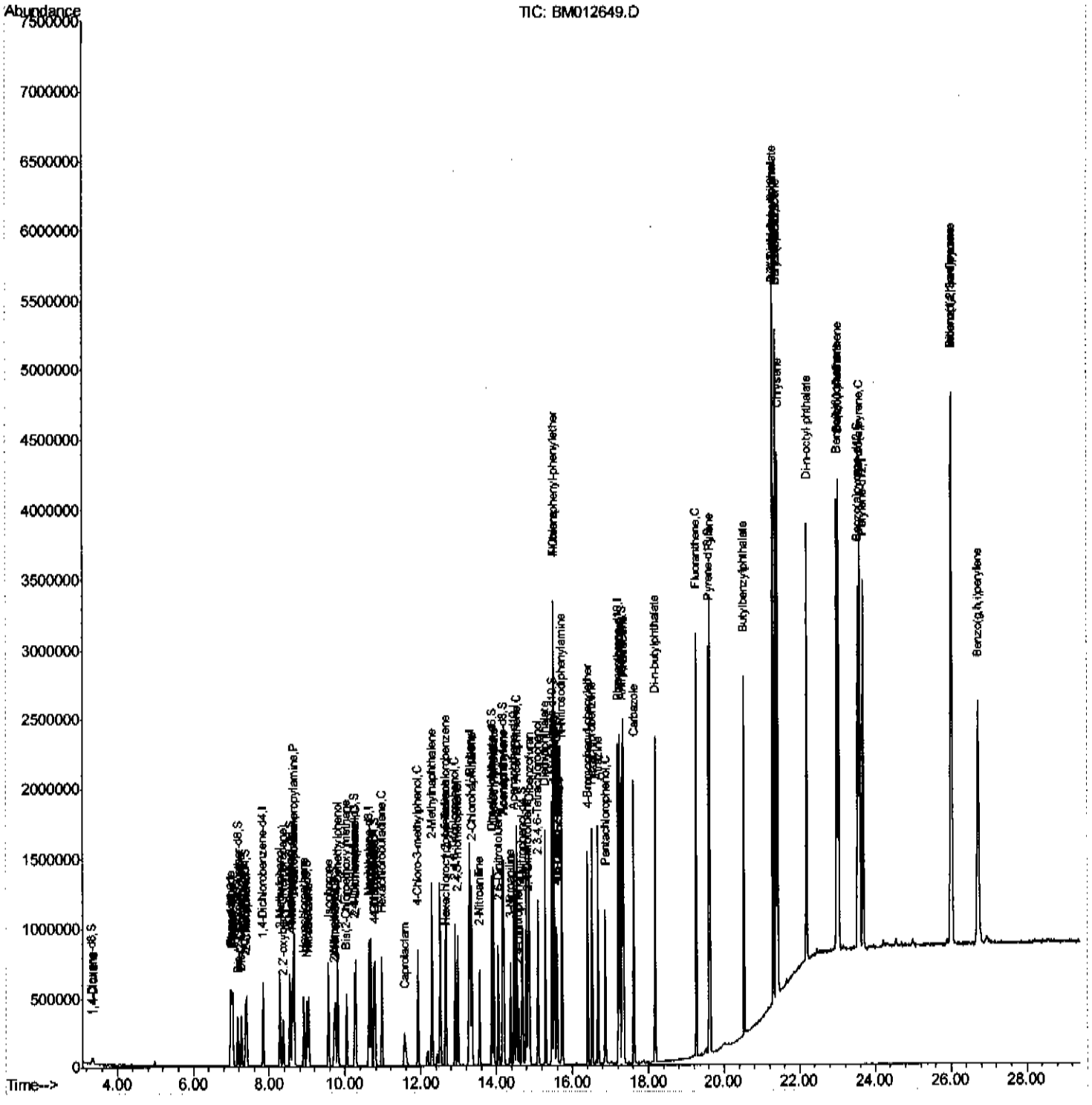
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012649.D
Acq On : 01 Nov 2017 22:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 02 02:51:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 01:34:19 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02080

Manual Integrations APPROVED
Sohil
11/2/2017 5:22:17 PM



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Quant Time: Nov 02 01:38:22 2017
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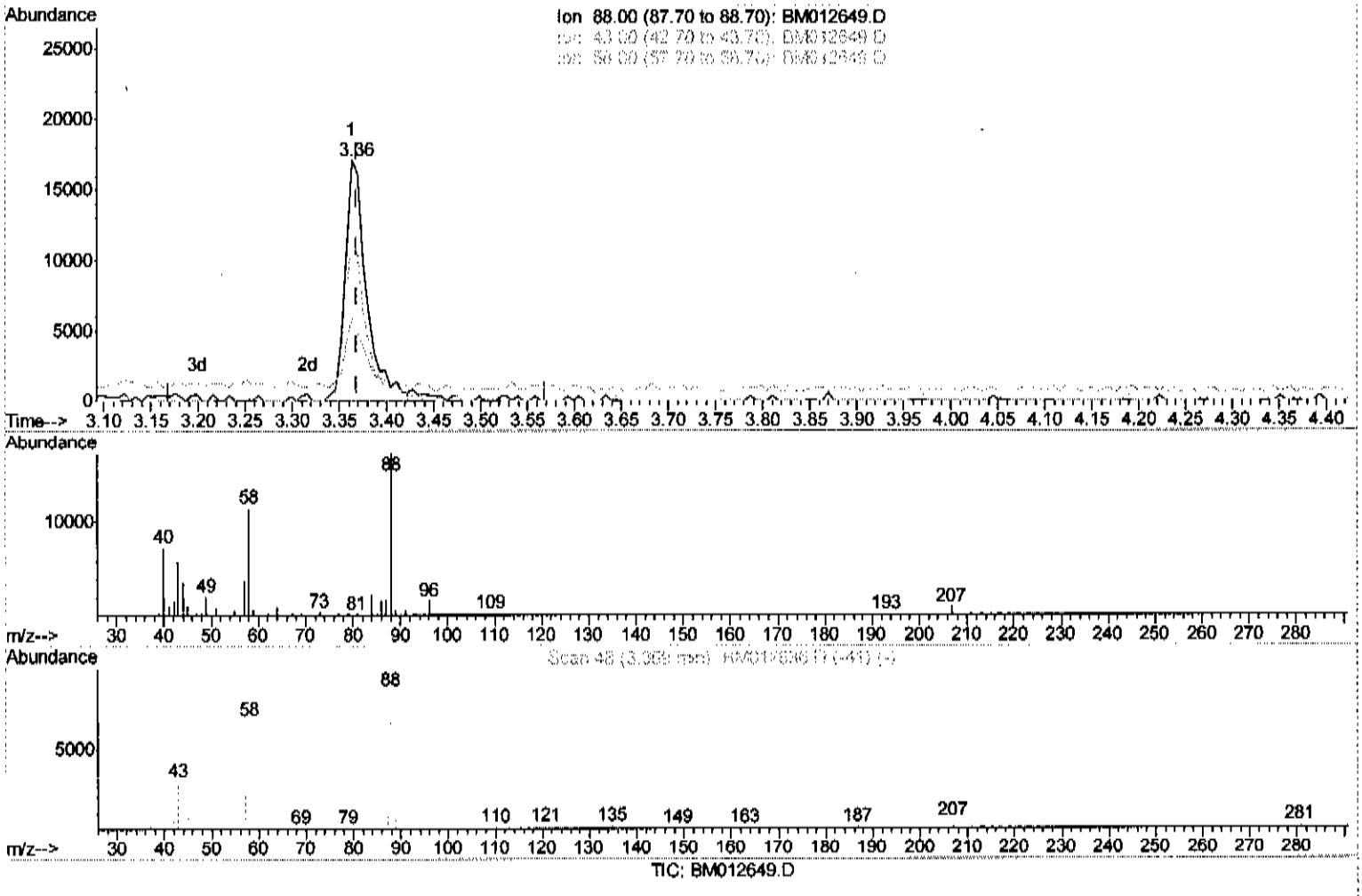

TIC: BM012649.D

(2) 1,4-Dioxane

3.363min (-0.006) 7.85ng/uL

response 27207

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	26.47#
58.00	100.00	65.78#
0.00	0.00	0.00

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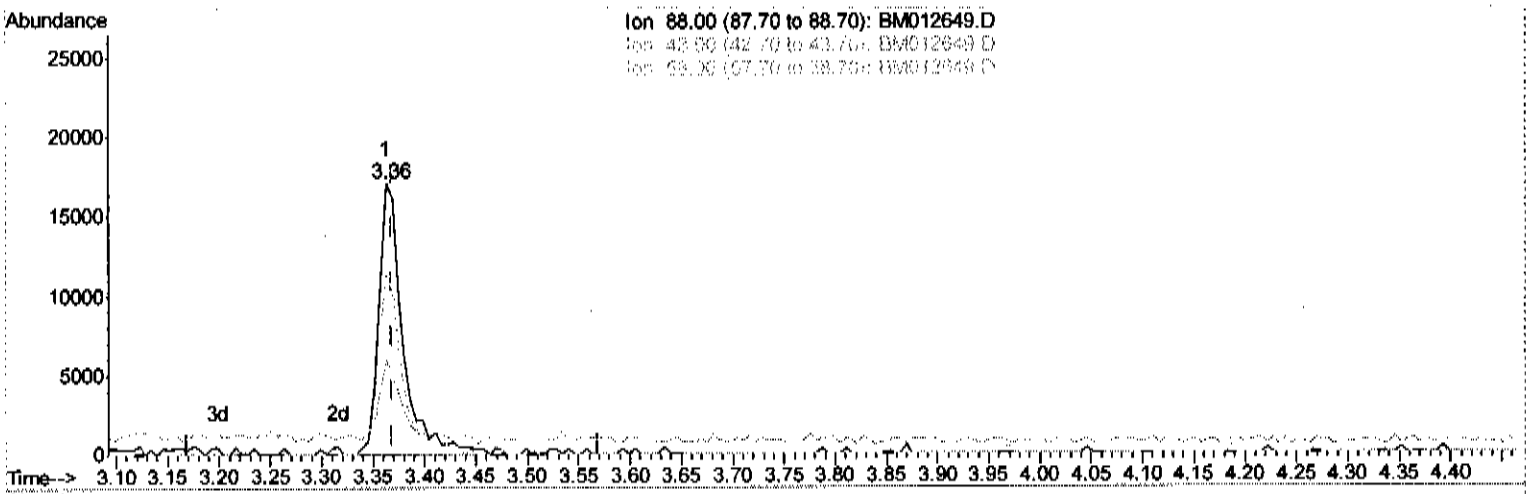
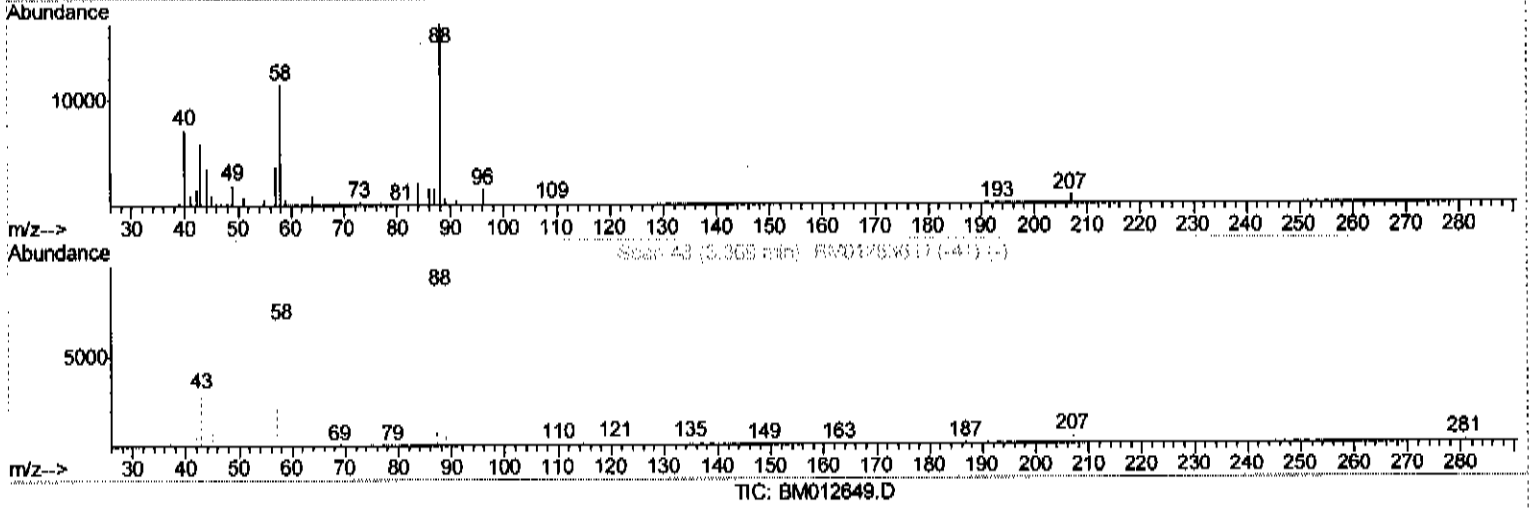
Manual Integrations APPROVED
Sohil
11/2/2017 5:22:17 PM





TIC: BM012649.D

(2) 1,4-Dioxane

3.363min (-0.006) 8.13ng/uL m SJ 11/02/17

response 28164

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	25.57#
58.00	100.00	63.54#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	165764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	739573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	511495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1311947	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1762351	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2063766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	26478	8.16	ng/uL	0.00
5) Phenol-d5	7.01	99	279428	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	153891	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	218830	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	245555	20.75	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	113808	24.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	132822	27.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	276538	21.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	321420	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	904387	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1074553	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	156442	23.55	ng/ul	0.00
57) Fluorene-d10	15.47	176	759541	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	161939	25.51	ng/ul	0.00
70) Anthracene-d10	17.32	188	1294212	20.70	ng/ul	0.00
76) Pyrene-d10	19.60	212	1549046	19.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1960323	19.99	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	28164m	8.13	ng/uL	
4) Benzaldehyde	6.99	77	178119	23.66	ng/ul	87
6) Phenol	7.04	94	287877	19.97	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.26	93	210697	19.87	ng/ul	98
10) 2-Chlorophenol	7.41	128	226130	21.31	ng/ul	96
11) 2-Methylphenol	8.28	108	221933	20.41	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	212296	18.22	ng/ul#	79
14) Acetophenone	8.66	105	375777	20.21	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.65	70	194213	19.14	ng/ul#	62
16) 4-Methylphenol	8.61	108	249580	20.98	ng/ul	92
17) Hexachloroethane	8.92	117	88771	19.74	ng/ul	92
20) Nitrobenzene	9.04	77	274832	20.60	ng/ul#	90
21) Isophorone	9.56	82	540252	19.13	ng/ul#	92
23) 2-Nitrophenol	9.75	139	142496	26.88	ng/ul#	76
24) 2,4-Dimethylphenol	9.81	107	297535	19.95	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.04	93	313211	19.74	ng/ul	94
27) 2,4-Dichlorophenol	10.28	162	265155	21.50	ng/ul	92
28) Naphthalene	10.68	128	751100	20.48	ng/ul	99
30) 4-Chloroaniline	10.79	127	315412	23.50	ng/ul	95
31) Hexachlorobutadiene	10.96	225	184636	19.52	ng/ul	96
32) Caprolactam	11.56	113	93791	23.48	ng/ul#	33
33) 4-Chloro-3-methylphenol	11.92	107	288946	20.86	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	607480	20.40	ng/ul	98

> JU 11/02/17

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Manual Integrations APPROVED
Sohil
11/2/2017 5:22:17 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	371735	20.52 ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	132733	11.35 ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	254558	23.47 ng/ul	96
39) 2,4,5-Trichlorophenol	12.98	196	265995	23.14 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	832668	20.40 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	657869	20.55 ng/ul	99
42) 2-Nitroaniline	13.55	65	185538	24.92 ng/ul	86
44) Dimethylphthalate	13.93	163	901574	20.40 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	191014	27.19 ng/ul#	82
47) Acenaphthylene	14.19	152	1039706	20.61 ng/ul	99
48) 3-Nitroaniline	14.38	138	182103	27.67 ng/ul	82
49) Acenaphthene	14.54	153	707867	20.49 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	100499	25.49 ng/ul	88
52) 4-Nitrophenol	14.69	109	137684	20.43 ng/ul	79
53) Dibenzofuran	14.87	168	1050289	20.54 ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	282791	26.88 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.10	232	261479	24.57 ng/ul	98
56) Diethylphthalate	15.29	149	902465	20.03 ng/ul	96
58) Fluorene	15.52	166	887958	20.53 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	474599	20.17 ng/ul	96
60) 4-Nitroaniline	15.54	138	206381	25.01 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.61	198	180544	25.85 ng/ul#	83
64) N-Nitrosodiphenylamine	15.73	169	774024	20.30 ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	327060	20.81 ng/ul	95
66) Hexachlorobenzene	16.53	284	372500	21.43 ng/ul	100
67) Atrazine	16.68	200	336755	20.54 ng/ul	92
68) Pentachlorophenol	16.87	266	219922	23.13 ng/ul	96
69) Phenanthrene	17.26	178	1457422	20.54 ng/ul	100
71) Anthracene	17.35	178	1527968	20.84 ng/ul	100
72) Carbazole	17.62	167	1334514	21.97 ng/ul	99
73) Di-n-butylphthalate	18.18	149	1583079	20.44 ng/ul#	97
74) Fluoranthene	19.27	202	1889529	23.50 ng/ul#	94
77) Pyrene	19.63	202	1984234	19.80 ng/ul#	92
78) Butylbenzylphthalate	20.53	149	769688	19.49 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.31	252	795106	20.56 ng/ul	97
80) Benzo(a)anthracene	21.38	228	2167449	20.54 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1165047	19.39 ng/ul	99
82) Chrysene	21.43	228	1957567	20.86 ng/ul	99
84) Di-n-octyl phthalate	22.20	149	2048795	19.14 ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	2415576	18.93 ng/ul#	99
86) Benzo(k)fluoranthene	23.04	252	2410840	20.08 ng/ul#	98
88) Benzo(a)pyrene	23.59	252	2422550	19.92 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	2997629	20.94 ng/ul#	96
90) Dibenzo(a,h)anthracene	26.03	278	2546346	20.98 ng/ul#	97
91) Benzo(g,h,i)perylene	26.73	276	2397430	20.66 ng/ul#	97

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