Data Path : Z:\HPCHEM1\BNA M\DATA\BM012318\
Data File : BM013733.D
Acq On : 23 Jan 2018 16:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 03:17:21 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 23 06:05:57 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02036

Manual Integrations APPROVED
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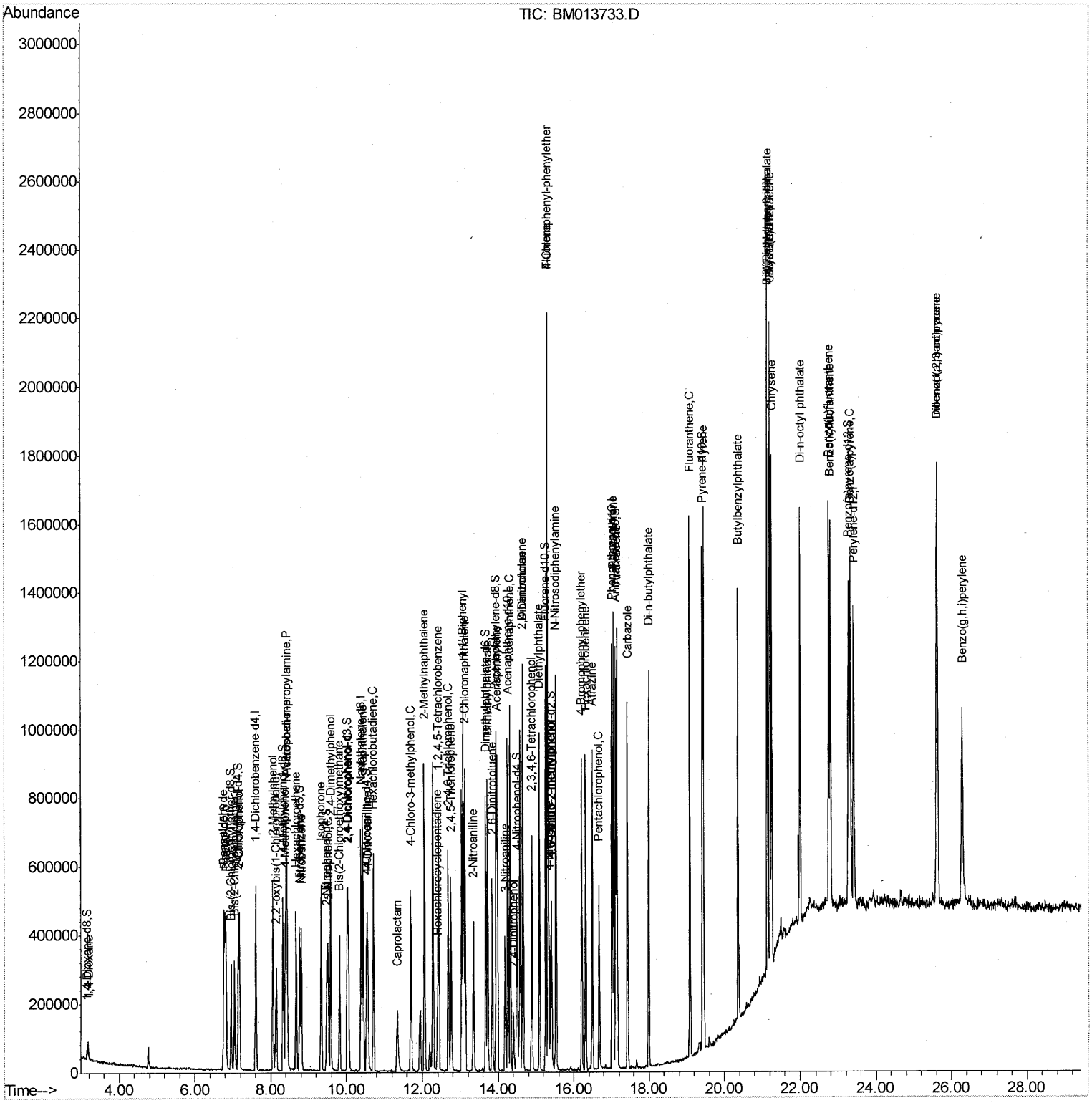
1/24/2018 2:54:55 PM



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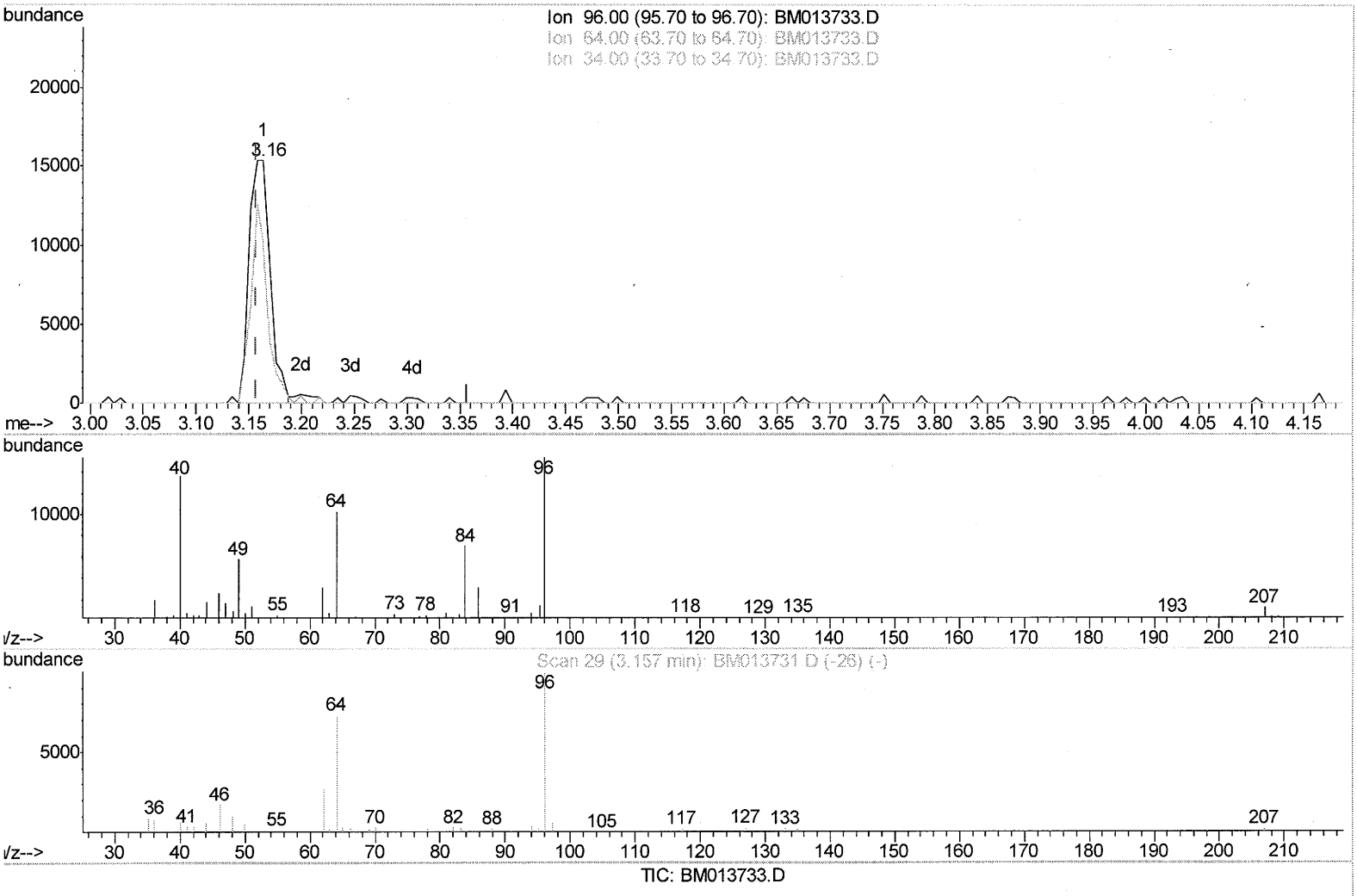

TIC: BM013733.D

(3) 1,4-Dioxane-d8 (S)

3.164min (+0.006) 6.05ng/uL

response 21178

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	65.29
34.00	0.00	0.00
0.00	0.00	0.00

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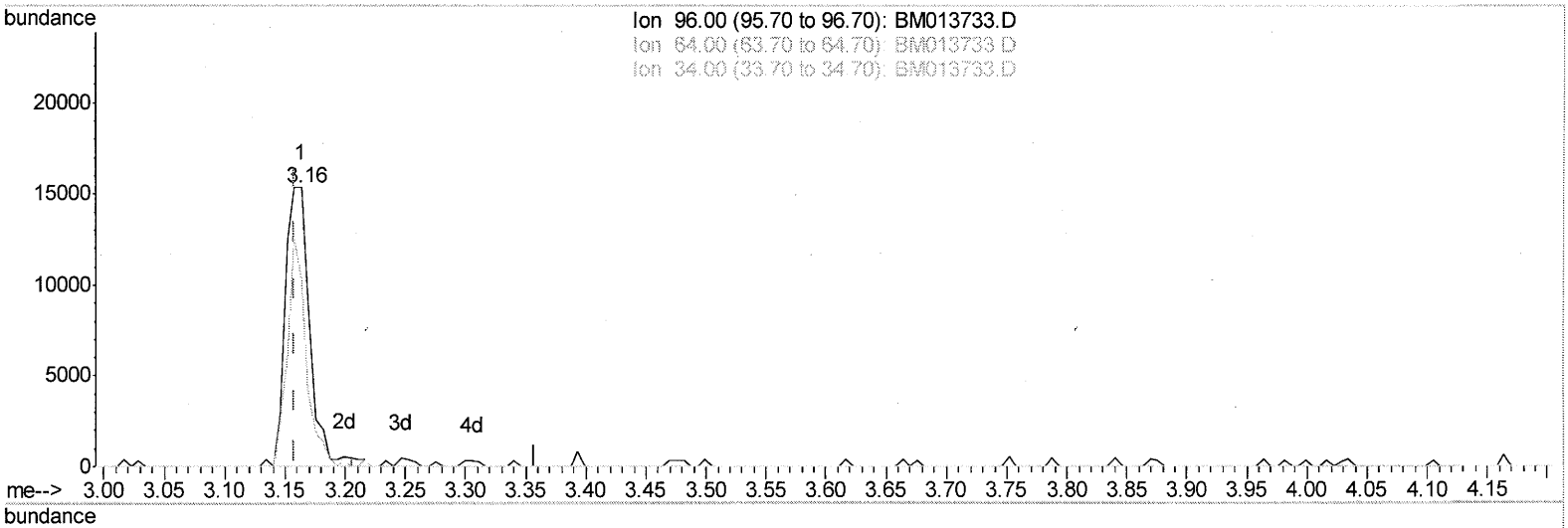

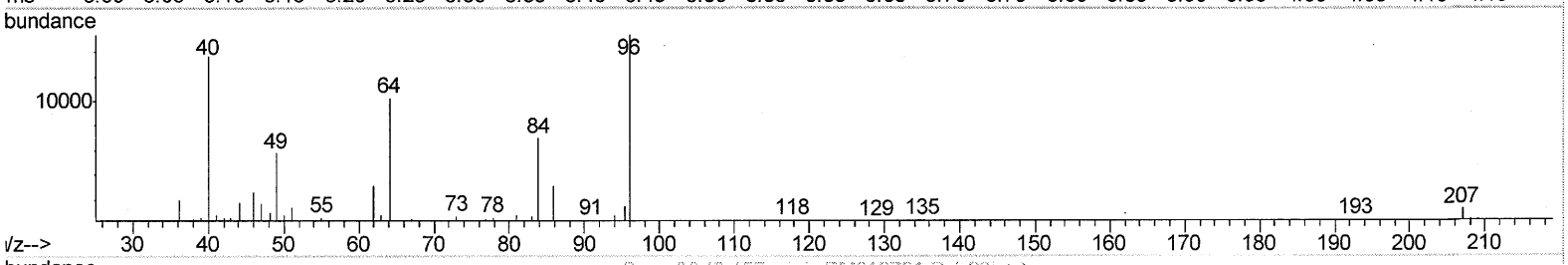

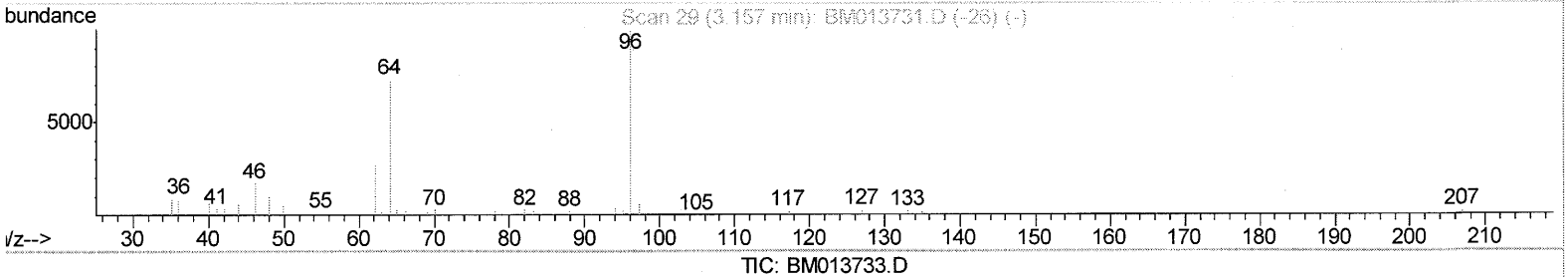

TIC: BM013733.D

(3) 1,4-Dioxane-d8 (S)

3.164min (+0.006) 6.20ng/uL m JU 01/24/18

response 21729

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	63.64
34.00	0.00	0.00
0.00	0.00	0.00

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LabSampleId : SSTD02036

Manual Integrations APPROVED
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1/24/2018 2:54:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	138448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	554331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	315951	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	687793	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	643069	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	632592	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	21729m	> 6.20	ng/uL	> 0.00 JU 01/24/18
5) Phenol-d5	6.79	99	218881	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	123049	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	181854	21.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	174041	21.30	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	89291	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	96623	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	181100	20.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	199626	26.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	512507	19.68	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	675881	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	77818	18.39	ng/ul	0.00
57) Fluorene-d10	15.26	176	443312	19.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	71025	17.16	ng/ul	0.00
70) Anthracene-d10	17.12	188	690238	20.60	ng/ul	0.00
76) Pyrene-d10	19.42	212	735471	24.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	602428	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	23035	6.003	ng/uL#	63
4) Benzaldehyde	6.76	77	153497	20.868	ng/ul	89
6) Phenol	6.82	94	221080	20.738	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.05	93	165795	19.875	ng/ul	97
10) 2-Chlorophenol	7.18	128	182935	21.194	ng/ul	97
11) 2-Methylphenol	8.06	108	166843	21.232	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	164062	19.329	ng/ul#	79
14) Acetophenone	8.43	105	275100	20.346	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.42	70	138249	20.958	ng/ul#	66
16) 4-Methylphenol	8.39	108	177405	21.114	ng/ul	99
17) Hexachloroethane	8.67	117	79448	18.909	ng/ul	83
20) Nitrobenzene	8.80	77	211226	19.010	ng/ul	92
21) Isophorone	9.33	82	355026	19.775	ng/ul	96
23) 2-Nitrophenol	9.51	139	99095	20.921	ng/ul#	84
24) 2,4-Dimethylphenol	9.58	107	204423	20.470	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.81	93	215351	19.676	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	176569	20.867	ng/ul	90
28) Naphthalene	10.43	128	564572	20.472	ng/ul	98
30) 4-Chloroaniline	10.56	127	191984	25.416	ng/ul	100
31) Hexachlorobutadiene	10.71	225	132442	19.068	ng/ul	93
32) Caprolactam	11.34	113	51012	21.670	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.69	107	177321	20.672	ng/ul	96
34) 2-Methylnaphthalene	12.06	142	413270	20.100	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	231871	19.806	ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	61115	12.574	ng/ul	95
38) 2,4,6-Trichlorophenol	12.69	196	153578	22.663	ng/ul	96
39) 2,4,5-Trichlorophenol	12.76	196	151415	21.473	ng/ul	93
40) 1,1'-Biphenyl	13.09	154	524950	19.960	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	422240	20.538	ng/ul	99
42) 2-Nitroaniline	13.35	65	115123	20.300	ng/ul	94
44) Dimethylphthalate	13.73	163	507181	19.809	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	107542	21.675	ng/ul	91
47) Acenaphthylene	13.98	152	613519	20.193	ng/ul	98
48) 3-Nitroaniline	14.18	138	96222	24.660	ng/ul	80
49) Acenaphthene	14.32	153	422870	20.096	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	35866	12.610	ng/ul	94
52) 4-Nitrophenol	14.50	109	77086	17.931	ng/ul	80
53) Dibenzofuran	14.66	168	615949	19.458	ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	148841	20.580	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.90	232	136966	20.651	ng/ul#	95
56) Diethylphthalate	15.10	149	490952	19.054	ng/ul	95
58) Fluorene	15.32	166	503223	19.407	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	266192	18.998	ng/ul	98
60) 4-Nitroaniline	15.35	138	92732	20.311	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.42	198	73328	16.780	ng/ul#	82
64) N-Nitrosodiphenylamine	15.53	169	430569	21.285	ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	163120	20.080	ng/ul	97
66) Hexachlorobenzene	16.32	284	178980	20.468	ng/ul	96
67) Atrazine	16.49	200	164717	20.402	ng/ul	93
68) Pentachlorophenol	16.67	266	91136	19.613	ng/ul	98
69) Phenanthrene	17.06	178	780806	20.423	ng/ul	99
71) Anthracene	17.15	178	798544	20.250	ng/ul	98
72) Carbazole	17.43	167	669831	20.578	ng/ul	100
73) Di-n-butylphthalate	17.99	149	771921	20.163	ng/ul	98
74) Fluoranthene	19.08	202	895674	19.626	ng/ul#	93
77) Pyrene	19.45	202	913700	23.372	ng/ul#	94
78) Butylbenzylphthalate	20.36	149	333612	24.226	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.14	252	262041	24.632	ng/ul#	95
80) Benzo(a)anthracene	21.20	228	810902	20.869	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	456142	22.077	ng/ul#	98
82) Chrysene	21.25	228	730639	20.496	ng/ul	98
84) Di-n-octyl phthalate	22.00	149	735712	19.298	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	812010	20.902	ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	729581	19.429	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	754746	20.565	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.62	276	893519	20.625	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.62	278	758557	20.735	ng/ul#	96
91) Benzo(g,h,i)perylene	26.29	276	738641	20.716	ng/ul#	97

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