Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025016.D
Acq On : 8 Dec 2016 21:18
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 01:32:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 00:58:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02020

Manual Integrations APPROVED
sohil
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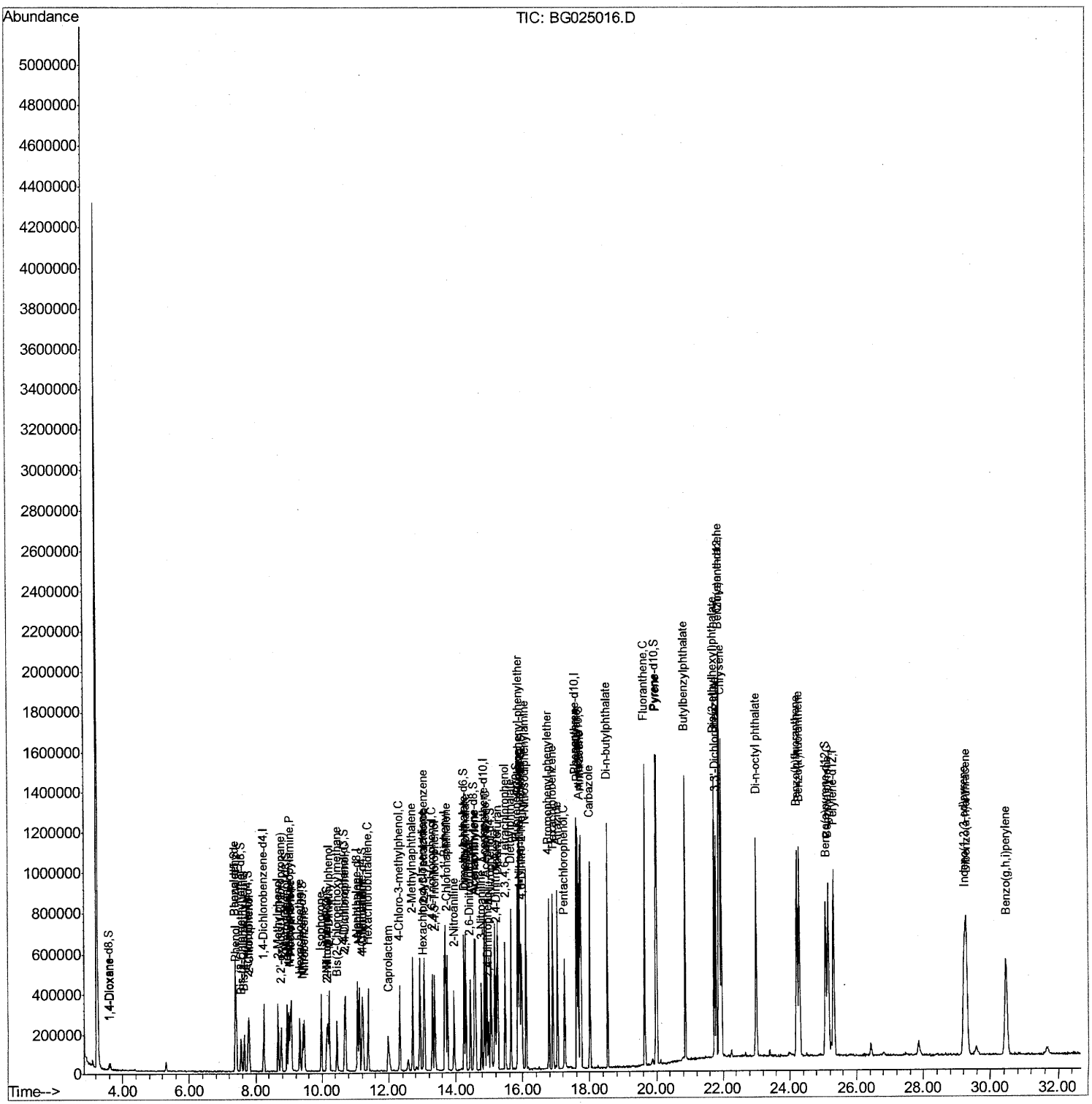

Quantitation Report (Qedit)

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Data File : BG025016.D
Acq On : 8 Dec 2016 21:18
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 01:02:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 00:58:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
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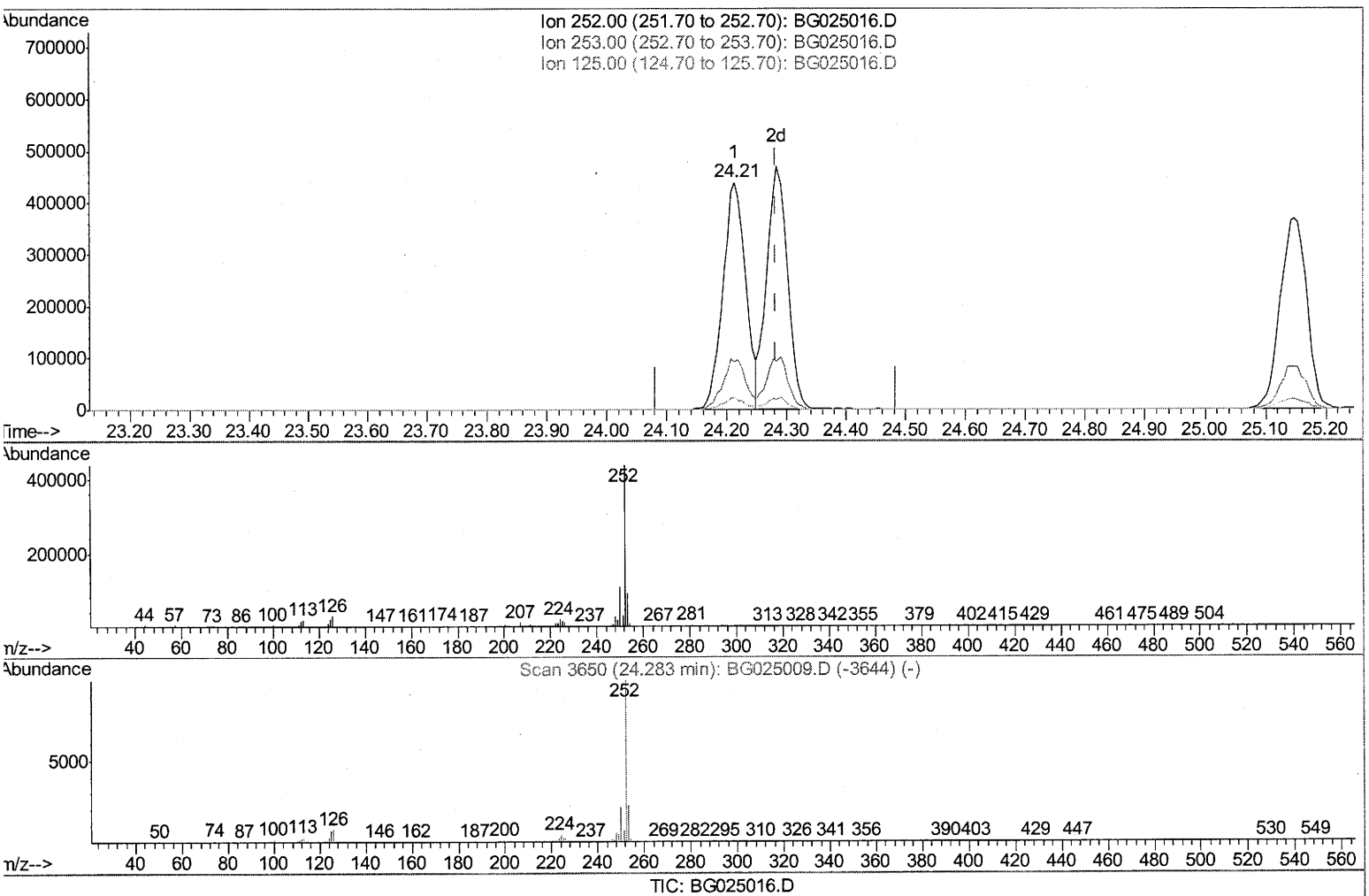

TIC: BG025016.D

(86) Benzo(k)fluoranthene

24.213min (-0.070) 21.66ng/ul

response 1158661

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	20.91
125.00	5.10	5.17
0.00	0.00	0.00

Quantitation Report (Qedit)

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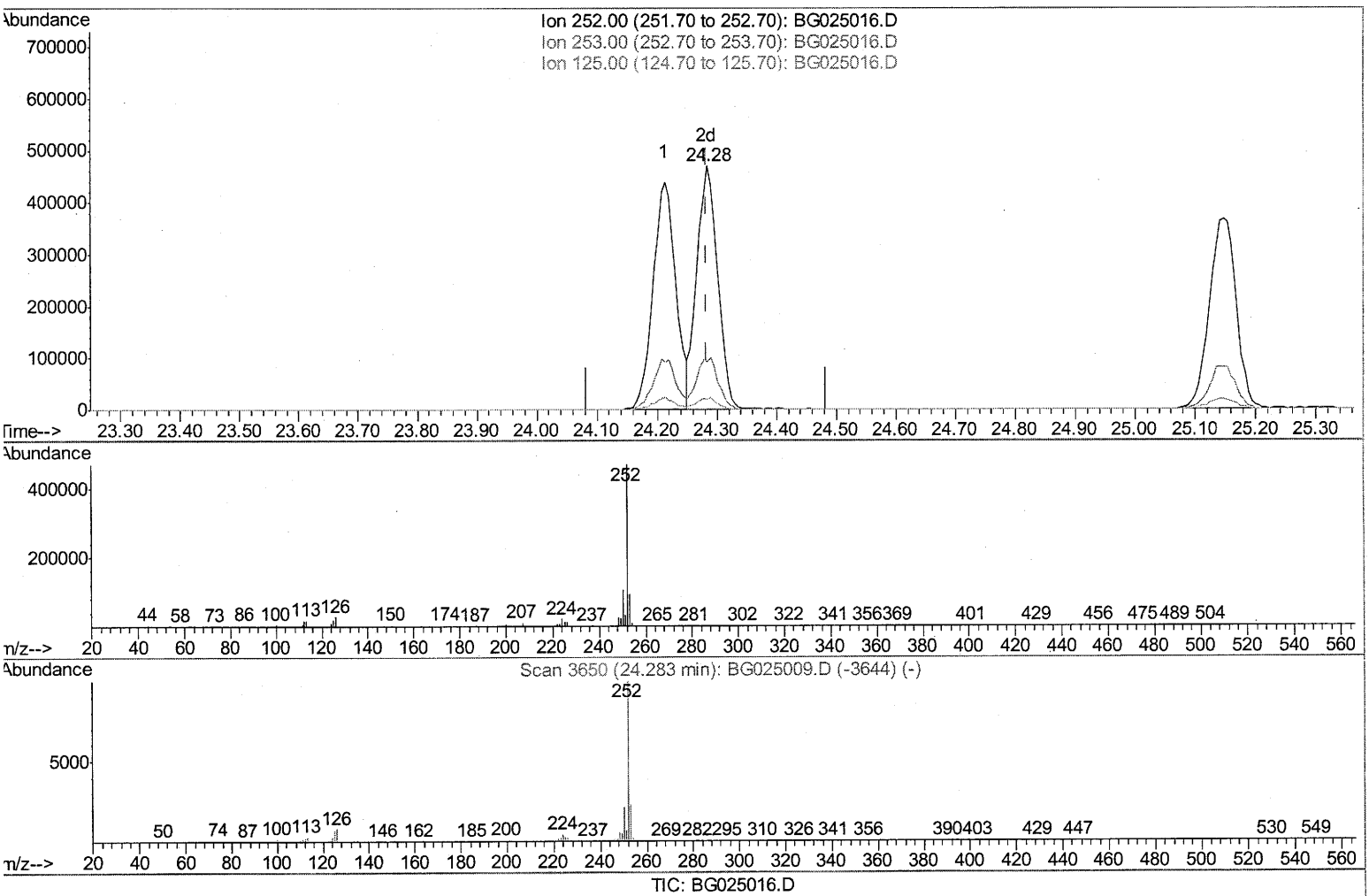
12/9/2016 3:40:10 PM



TIC: BG025016.D

(86) Benzo(k)fluoranthene

24.284min (+0.001) 21.26ng/ul m

response 1137437

UM
12/09/16

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	19.68
125.00	5.10	3.88#
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	8.24	152	85538	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	359532	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	308090	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	767314	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1085268	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1135016	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	11636	7.03	ng/uL	0.00
5) Phenol-d5	7.38	99	144744	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	85505	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	101223	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	118140	19.16	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	51576	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	58534	18.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	125558	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	140518	23.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	426356	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	470367	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	75539	20.74	ng/ul	0.00
57) Fluorene-d10	15.85	176	398179	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	92141	19.42	ng/ul	0.00
70) Anthracene-d10	17.70	188	659178	20.35	ng/ul	0.00
76) Pyrene-d10	19.97	212	885591	19.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	983838	21.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	14892	6.90	ng/uL#	81
4) Benzaldehyde	7.37	77	105911	19.07	ng/ul	96
6) Phenol	7.41	94	151806	20.04	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.65	93	104024	18.77	ng/ul	97
10) 2-Chlorophenol	7.80	128	102423	19.74	ng/ul	95
11) 2-Methylphenol	8.67	108	108809	19.51	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.77	45	176193	18.69	ng/ul#	94
14) Acetophenone	9.07	105	175273	18.68	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.04	70	99891	18.43	ng/ul#	84
16) 4-Methylphenol	9.00	108	114799	18.50	ng/ul	95
17) Hexachloroethane	9.33	117	44941	19.55	ng/ul	99
20) Nitrobenzene	9.46	77	157688	20.16	ng/ul	96
21) Isophorone	9.98	82	279297	18.86	ng/ul	99
23) 2-Nitrophenol	10.17	139	63712	19.79	ng/ul#	72
24) 2,4-Dimethylphenol	10.22	107	146229	19.86	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.45	93	143984	19.08	ng/ul	95
27) 2,4-Dichlorophenol	10.71	162	126650	21.37	ng/ul	95
28) Naphthalene	11.12	128	336497	20.13	ng/ul	99
30) 4-Chloroaniline	11.23	127	137561	22.43	ng/ul	98
31) Hexachlorobutadiene	11.39	225	101628	19.95	ng/ul#	86
32) Caprolactam	11.98	113	47750	19.40	ng/ul	95
33) 4-Chloro-3-methylphenol	12.32	107	146098	20.00	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	258694	19.61	ng/ul	95

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LabSampleId : SSTD02020

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	188185	20.27	ng/ul#	91
37) Hexachlorocyclopentadiene	13.03	237	106656	19.57	ng/ul	95
38) 2,4,6-Trichlorophenol	13.30	196	112560	19.30	ng/ul#	84
39) 2,4,5-Trichlorophenol	13.37	196	132566	20.73	ng/ul	92
40) 1,1'-Biphenyl	13.70	154	380166	20.35	ng/ul	99
41) 2-Chloronaphthalene	13.75	162	291087	19.58	ng/ul	94
42) 2-Nitroaniline	13.95	65	118656	20.39	ng/ul	97
44) Dimethylphthalate	14.30	163	414719	19.91	ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	88640	19.81	ng/ul#	95
47) Acenaphthylene	14.59	152	456829	20.24	ng/ul	99
48) 3-Nitroaniline	14.77	138	87770	22.65	ng/ul#	88
49) Acenaphthene	14.92	153	313348	20.27	ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	58818	20.23	ng/ul	88
52) 4-Nitrophenol	15.06	109	100873	23.03	ng/ul	92
53) Dibenzofuran	15.26	168	492271	20.13	ng/ul	99
54) 2,4-Dinitrotoluene	15.22	165	136707	20.27	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.48	232	140301	20.77	ng/ul#	92
56) Diethylphthalate	15.65	149	446351	20.24	ng/ul	96
58) Fluorene	15.91	166	415515	20.87	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.89	204	225171	20.09	ng/ul	87
60) 4-Nitroaniline	15.92	138	102149	21.85	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.98	198	95165	19.36	ng/ul#	94
64) N-Nitrosodiphenylamine	16.10	169	389261	19.72	ng/ul	92
65) 4-Bromophenyl-phenylether	16.78	248	174603	20.15	ng/ul	93
66) Hexachlorobenzene	16.90	284	210539	21.58	ng/ul#	92
67) Atrazine	17.04	200	188197	20.05	ng/ul	93
68) Pentachlorophenol	17.24	266	112581	19.21	ng/ul	99
69) Phenanthrene	17.65	178	764780	20.88	ng/ul	99
71) Anthracene	17.74	178	774283	20.56	ng/ul	99
72) Carbazole	18.01	167	691636	22.02	ng/ul	98
73) Di-n-butylphthalate	18.53	149	816338	20.58	ng/ul	98
74) Fluoranthene	19.64	202	1032612	23.73	ng/ul	97
77) Pyrene	20.00	202	1034353	19.83	ng/ul#	96
78) Butylbenzylphthalate	20.86	149	410598	20.10	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.78	252	413237	21.84	ng/ul#	97
80) Benzo(a)anthracene	21.87	228	1164202	20.65	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	555596	19.76	ng/ul	95
82) Chrysene	21.95	228	1082024	20.52	ng/ul	97
84) Di-n-octyl phthalate	23.00	149	968056	21.01	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1158661	20.59	ng/ul	98
86) Benzo(k)fluoranthene	24.28	252	1137437m	21.26	ng/ul	
88) Benzo(a)pyrene	25.15	252	1131060	20.90	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.23	276	1394754	20.74	ng/ul#	97
90) Dibenzo(a,h)anthracene	29.29	278	1167274	20.60	ng/ul	97
91) Benzo(g,h,i)perylene	30.47	276	1151662	20.52	ng/ul	95

UM 12/09/16

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