Data Path : Z:\HPCHEM1\BNA_G\Data\BG050817\

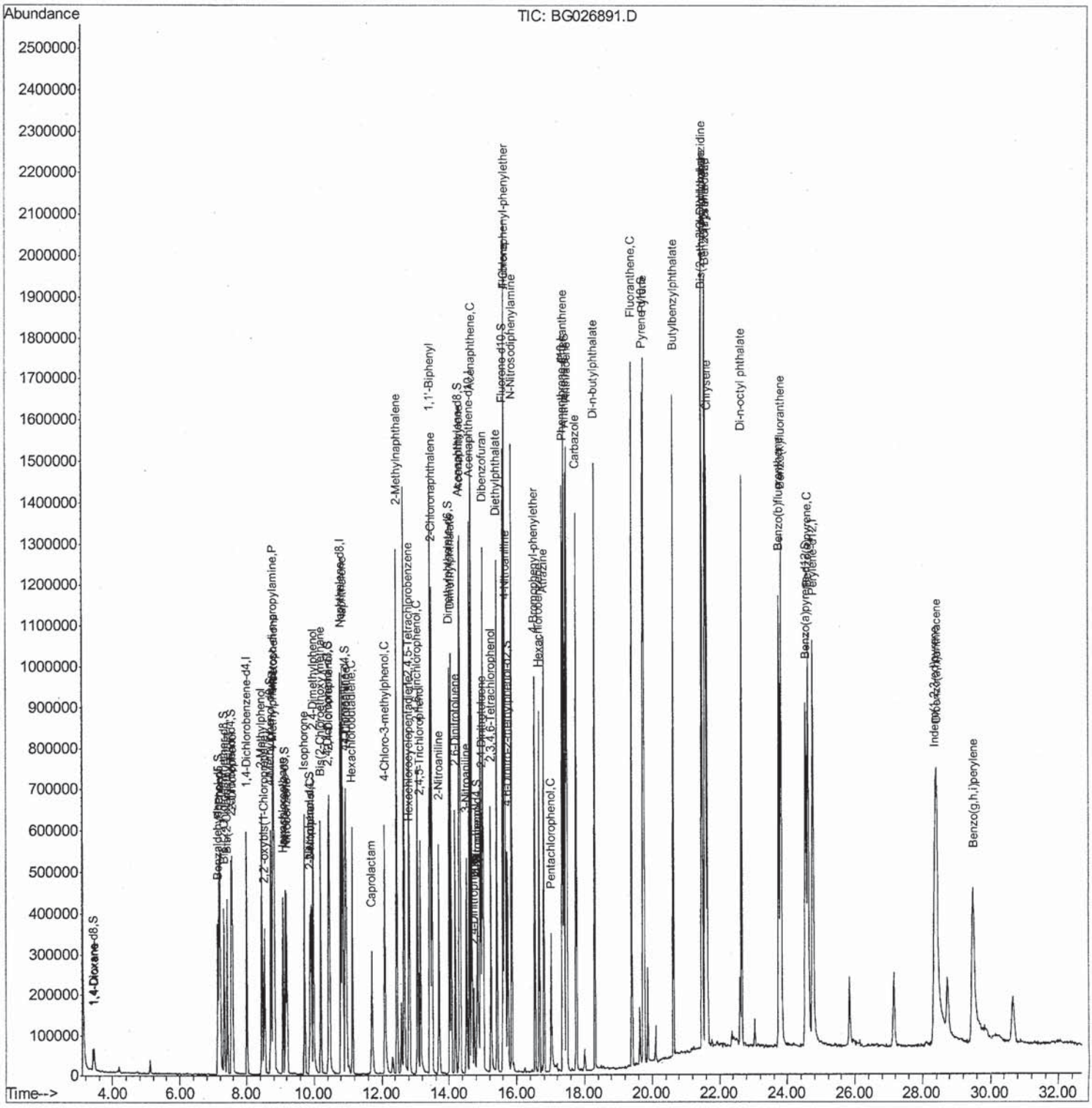
Quantitation Report (QT Reviewed)

Data File : BG026891.D
Acq On : 8 May 2017 17:08
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 01:02:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 01:28:58 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02078

Manual Integrations APPROVED
mohammad
5/9/2017 12:27:45 PM



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Quantitation Report (Qedit)

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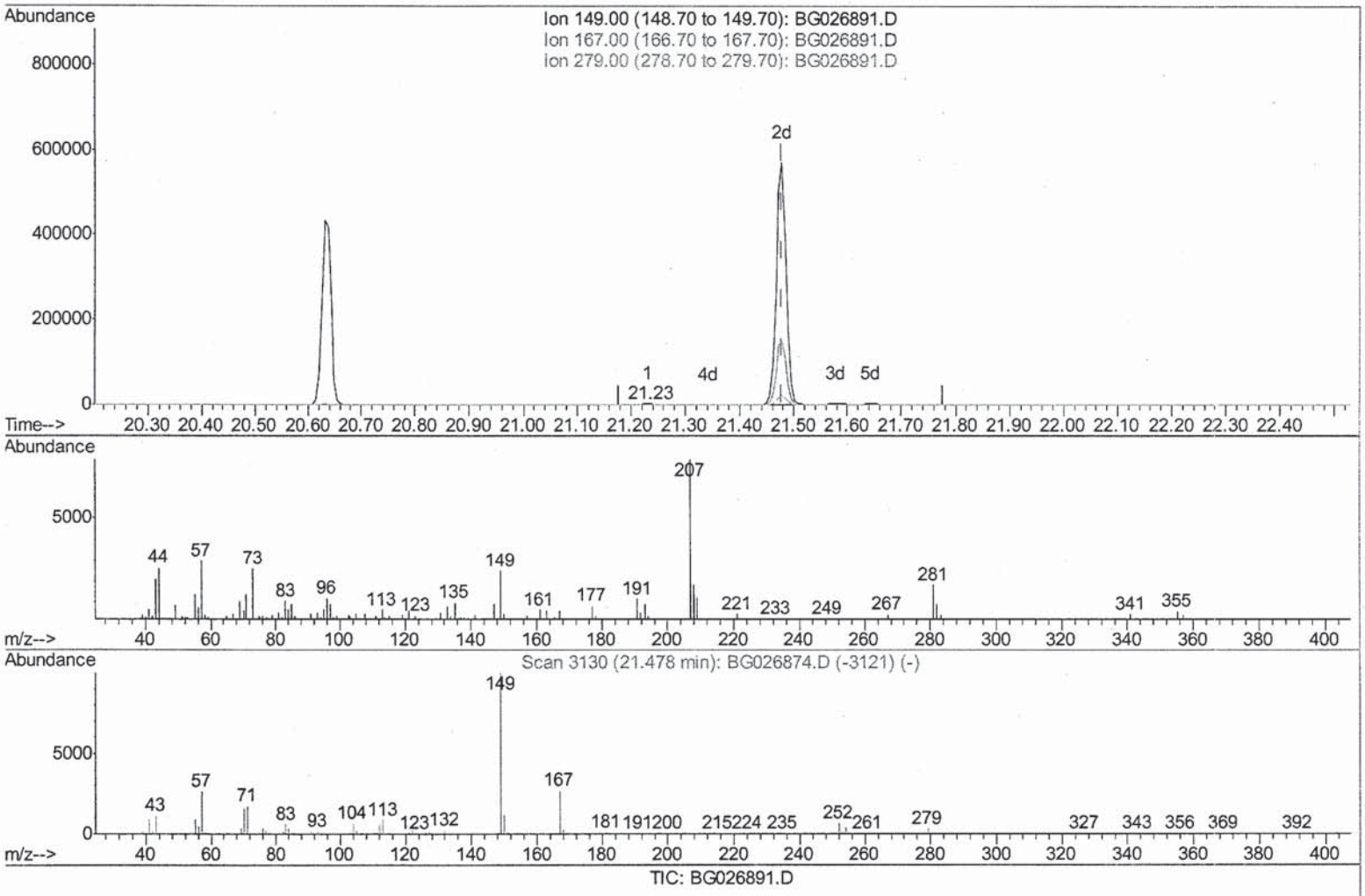

TIC: BG026891.D

(81) Bis(2-ethylhexyl)phthalate

21.231min (-0.247) 0.08ng/ul

response 2786

Ion	Exp%	Act%
149.00	100	100
167.00	27.30	22.85
279.00	5.60	6.19
0.00	0.00	0.00

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mohammad
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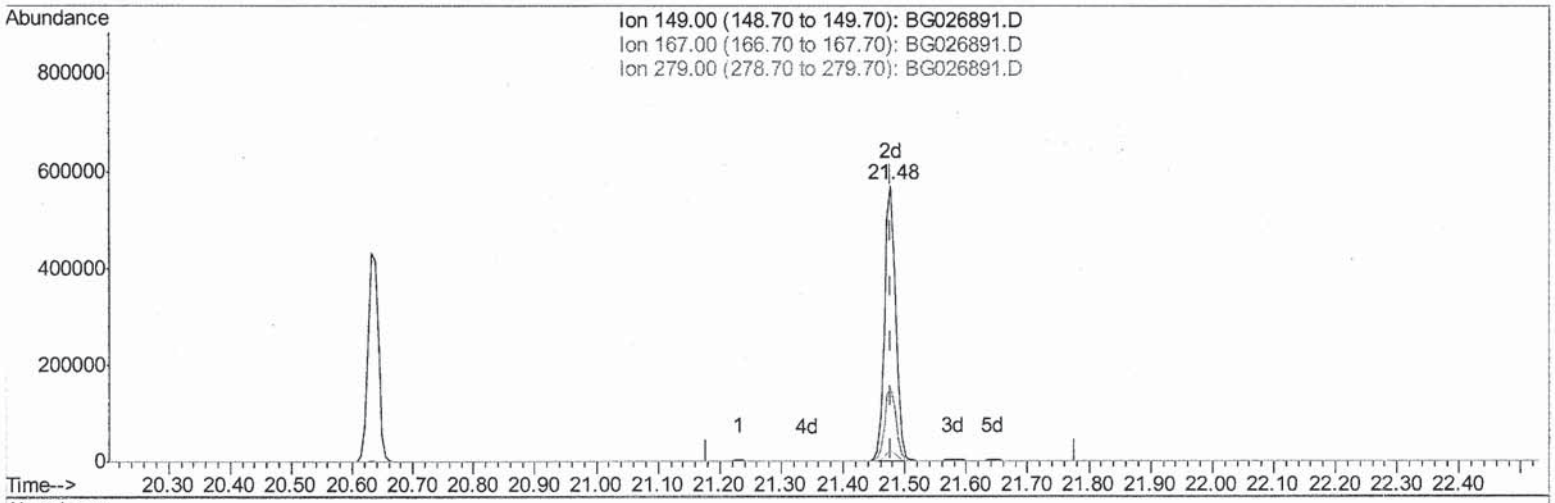

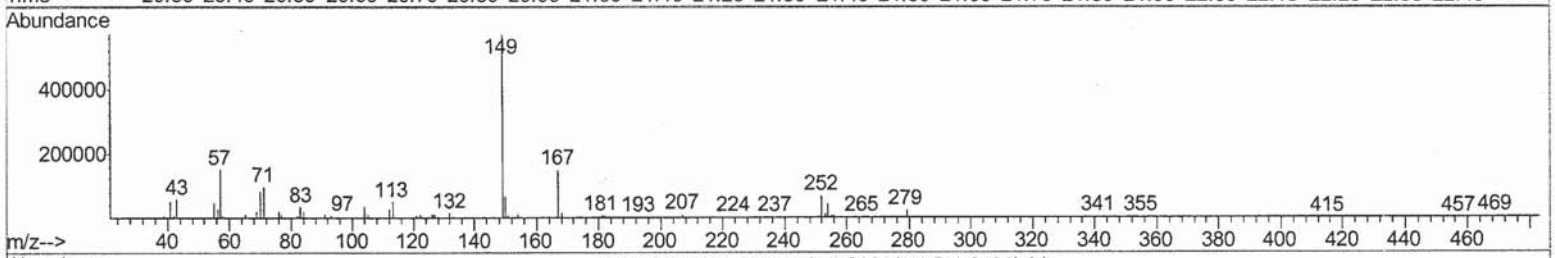

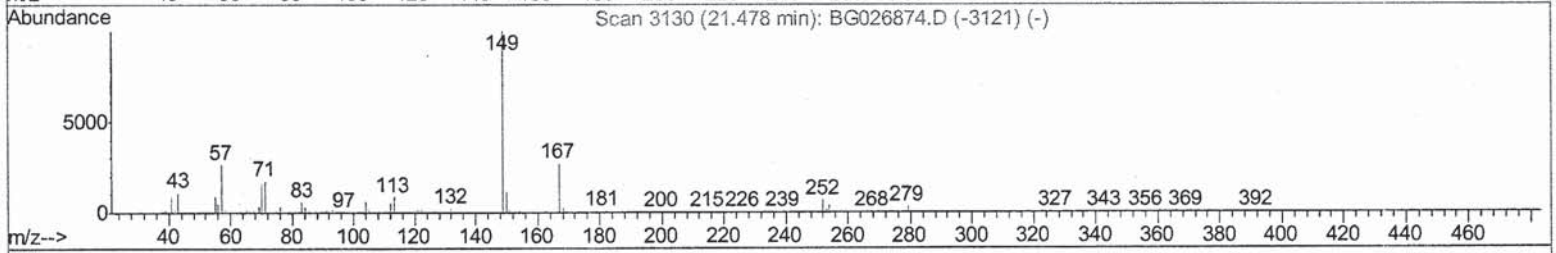

TIC: BG026891.D

(81) Bis(2-ethylhexyl)phthalate

21.478min (-0.000) 21.80ng/ul m SJ 5/12/17

response 734993

Ion	Exp%	Act%
149.00	100	100
167.00	27.30	26.41
279.00	5.60	3.83#
0.00	0.00	0.00

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Manual Integrations APPROVED
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5/9/2017 12:27:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	177890	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	876532	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	465326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	834560	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	758353	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	883826	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	29943	7.58	ng/uL	0.00
5) Phenol-d5	7.18	99	353086	22.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	200379	21.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	284307	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	284716	21.61	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	142463	19.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	157711	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	260523	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	367056	21.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	715707	19.11	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	950670	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	107897	15.98	ng/ul	0.00
57) Fluorene-d10	15.60	176	620944	18.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	86356	17.04	ng/ul	0.00
70) Anthracene-d10	17.45	188	824841	20.37	ng/ul	0.00
76) Pyrene-d10	19.73	212	780191	19.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	832838	19.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	32342	7.18	ng/uL#	78
4) Benzaldehyde	7.14	77	143495	18.70	ng/ul#	73
6) Phenol	7.21	94	361208	22.45	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	254453	20.48	ng/ul	90
10) 2-Chlorophenol	7.58	128	280265	21.13	ng/ul#	81
11) 2-Methylphenol	8.46	108	279330	21.93	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.53	45	291650	22.50	ng/ul#	88
14) Acetophenone	8.82	105	403683	20.86	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	189723	19.87	ng/ul#	70
16) 4-Methylphenol	8.78	108	301536	21.65	ng/ul	99
17) Hexachloroethane	9.09	117	98673	19.78	ng/ul#	73
20) Nitrobenzene	9.20	77	280651	19.85	ng/ul#	76
21) Isophorone	9.72	82	521246	19.20	ng/ul#	92
23) 2-Nitrophenol	9.91	139	163632	19.53	ng/ul#	62
24) 2,4-Dimethylphenol	9.98	107	316440	20.72	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.20	93	365082	19.69	ng/ul	95
27) 2,4-Dichlorophenol	10.46	162	254583	20.16	ng/ul	96
28) Naphthalene	10.86	128	900748	19.74	ng/ul	99
30) 4-Chloroaniline	10.96	127	346571	21.68	ng/ul	94
31) Hexachlorobutadiene	11.14	225	123866	19.39	ng/ul	93
32) Caprolactam	11.70	113	91650	19.42	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.09	107	296717	21.67	ng/ul	88
34) 2-Methylnaphthalene	12.45	142	653741	19.31	ng/ul	95

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Manual Integrations APPROVED
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5/9/2017 12:27:45 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	249355	20.32 ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	75562	13.98 ng/ul	97
38) 2,4,6-Trichlorophenol	13.06	196	174231	20.64 ng/ul	97
39) 2,4,5-Trichlorophenol	13.15	196	172649	19.79 ng/ul	97
40) 1,1'-Biphenyl	13.45	154	779870	19.94 ng/ul	97
41) 2-Chloronaphthalene	13.50	162	590579	20.08 ng/ul	95
42) 2-Nitroaniline	13.70	65	176662	21.03 ng/ul#	72
44) Dimethylphthalate	14.06	163	707026	19.28 ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	151820	19.62 ng/ul#	85
47) Acenaphthylene	14.34	152	957295	19.98 ng/ul	99
48) 3-Nitroaniline	14.52	138	159716	19.62 ng/ul#	82
49) Acenaphthene	14.68	153	649678	19.49 ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	62450	15.78 ng/ul#	73
52) 4-Nitrophenol	14.85	109	62577	15.80 ng/ul#	23
53) Dibenzofuran	15.01	168	851968	19.20 ng/ul	99
54) 2,4-Dinitrotoluene	14.98	165	204370	18.45 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.24	232	124983	18.24 ng/ul#	74
56) Diethylphthalate	15.42	149	739881	19.28 ng/ul	98
58) Fluorene	15.66	166	693245	19.14 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	302729	19.17 ng/ul	93
60) 4-Nitroaniline	15.68	138	144727	16.12 ng/ul#	50
63) 4,6-Dinitro-2-methylphenol	15.74	198	87050	16.49 ng/ul#	95
64) N-Nitrosodiphenylamine	15.86	169	582389	21.23 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	175361	21.06 ng/ul#	84
66) Hexachlorobenzene	16.67	284	185908	20.73 ng/ul#	91
67) Atrazine	16.80	200	179002	20.88 ng/ul#	92
68) Pentachlorophenol	17.01	266	74978	18.31 ng/ul	90
69) Phenanthrene	17.39	178	933943	19.87 ng/ul	98
71) Anthracene	17.49	178	978413	20.29 ng/ul	99
72) Carbazole	17.75	167	880239	21.58 ng/ul	98
73) Di-n-butylphthalate	18.30	149	1142478	21.53 ng/ul#	97
74) Fluoranthene	19.40	202	954413	21.87 ng/ul#	79
77) Pyrene	19.76	202	980605	19.27 ng/ul#	76
78) Butylbenzylphthalate	20.63	149	514482	21.77 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.49	252	341062	23.39 ng/ul#	96
80) Benzo(a)anthracene	21.58	228	899160	20.27 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.48	149	734993m	21.80 ng/ul	
82) Chrysene	21.65	228	822870	19.97 ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1296852	21.35 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1013194	20.06 ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	985759	19.86 ng/ul#	92
88) Benzo(a)pyrene	24.62	252	1019811	20.52 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.38	276	1228265	20.85 ng/ul#	81
90) Dibenzo(a,h)anthracene	28.42	278	1035441	20.73 ng/ul#	87
91) Benzo(g,h,i)perylene	29.50	276	847791	17.35 ng/ul#	83

SJ 5/12/17

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