Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030717\
Data File : BG026103.D
Acq On : 7 Mar 2017 20:52
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 08 02:32:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:02:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
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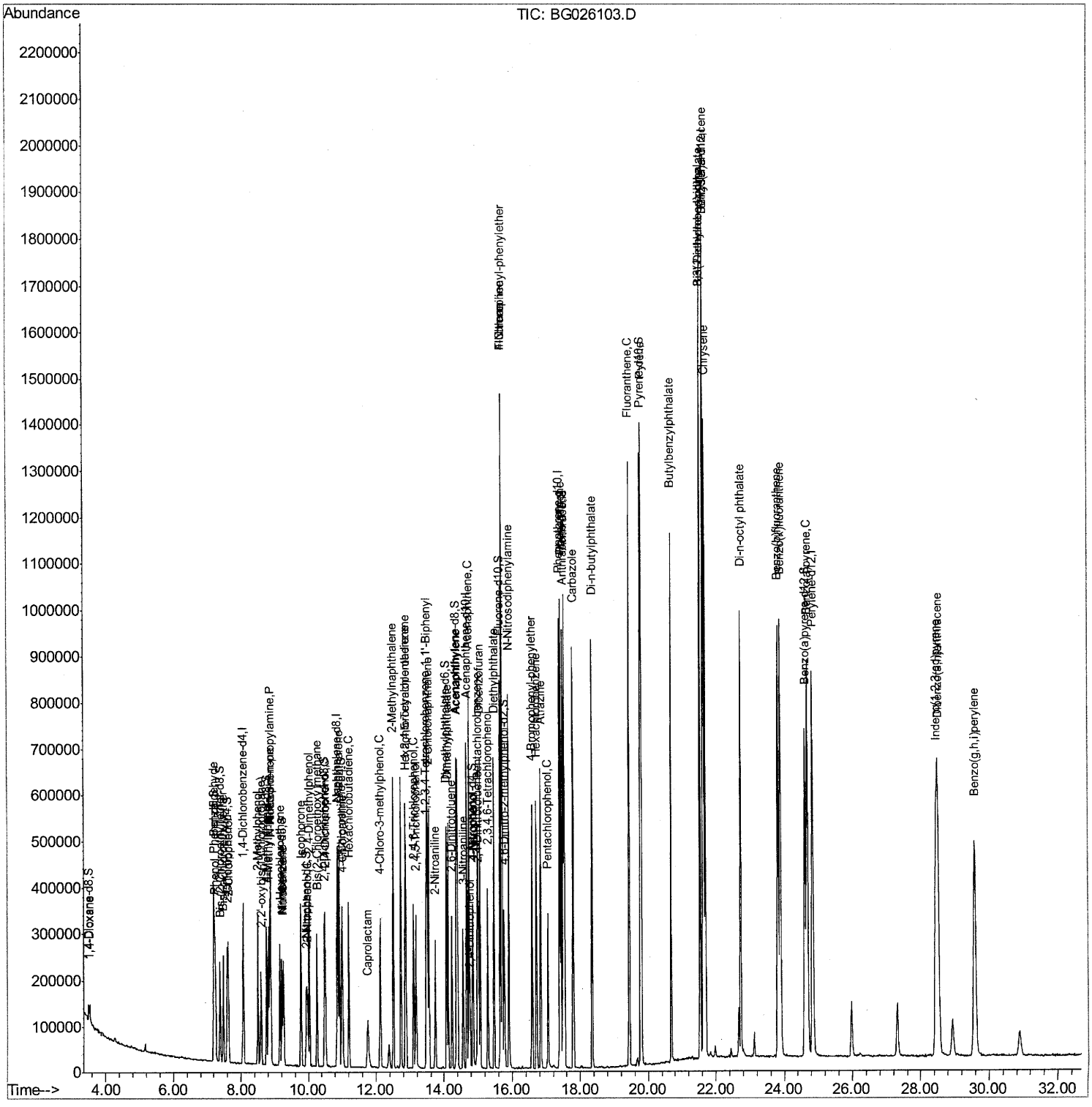

Quantitation Report (Qedit)

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Data File : BG026103.D
Acq On : 7 Mar 2017 20:52
Operator : SJ/MA
Sample : SSTDCCC020EC
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Quant Time: Mar 08 02:26:14 2017
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Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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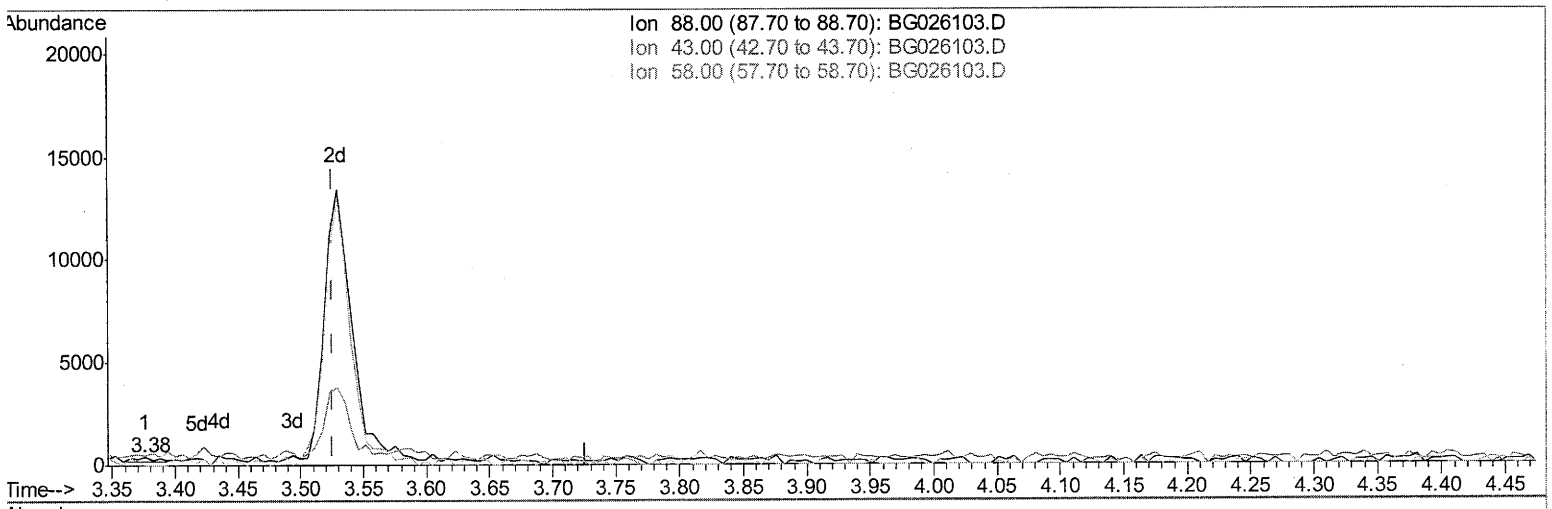

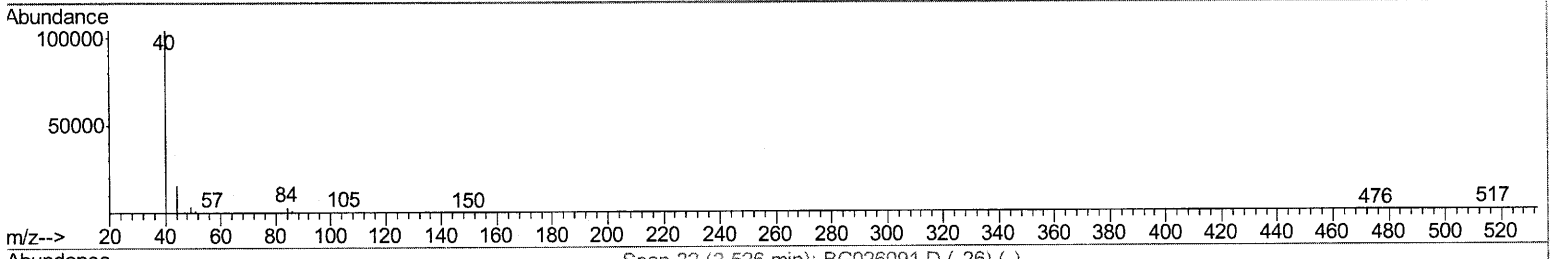

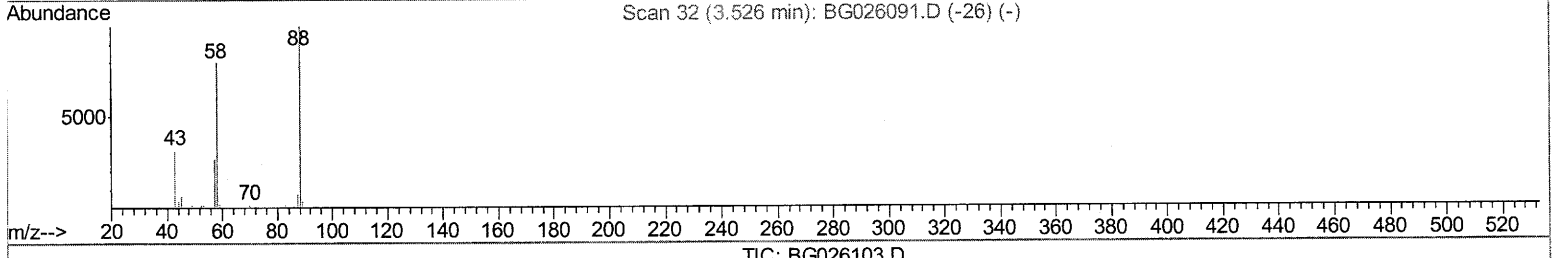

TIC: BG026103.D

(2) 1,4-Dioxane

3.376min (-0.150) 0.13ng/uL

response 356

Ion	Exp%	Act%
88.00	100	100
43.00	26.30	24.44
58.00	59.80	56.74
0.00	0.00	0.00

Quantitation Report (Qedit)

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LabSampleId :
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Manual Integrations APPROVED
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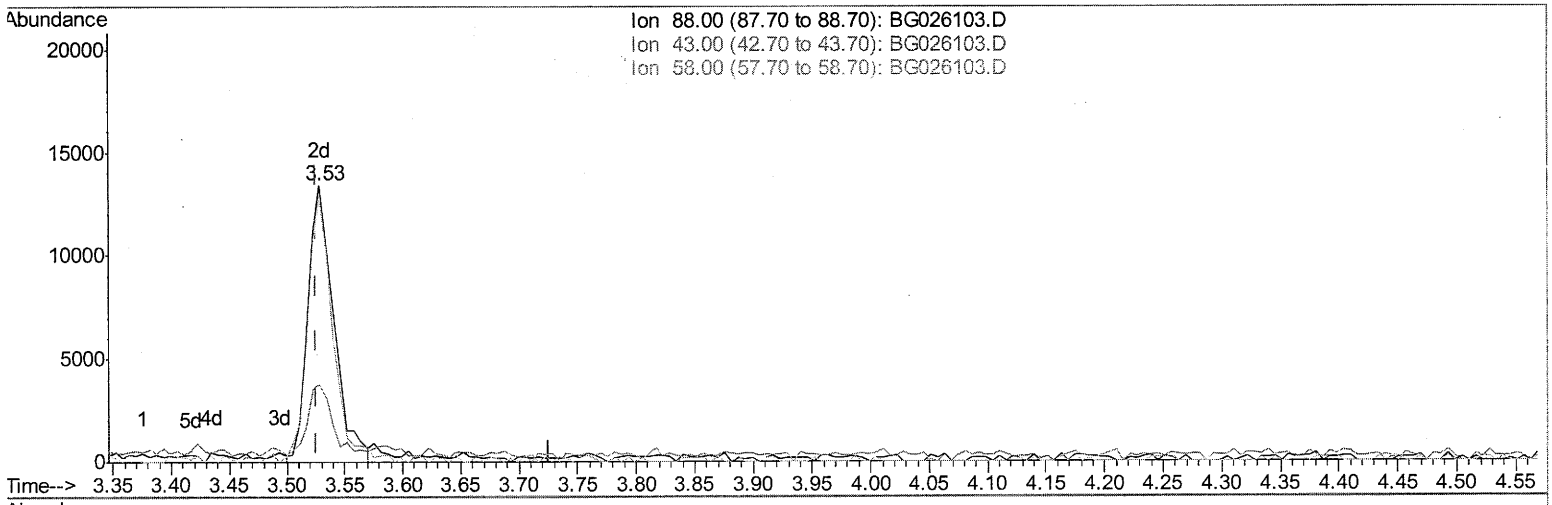
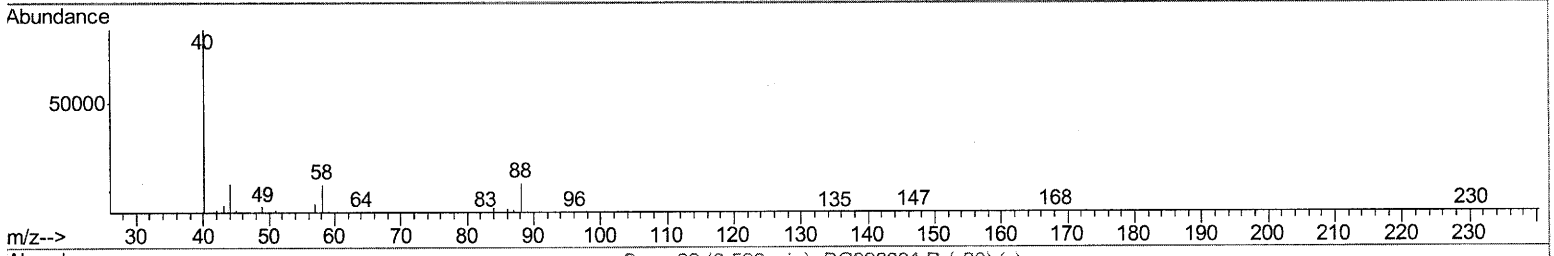
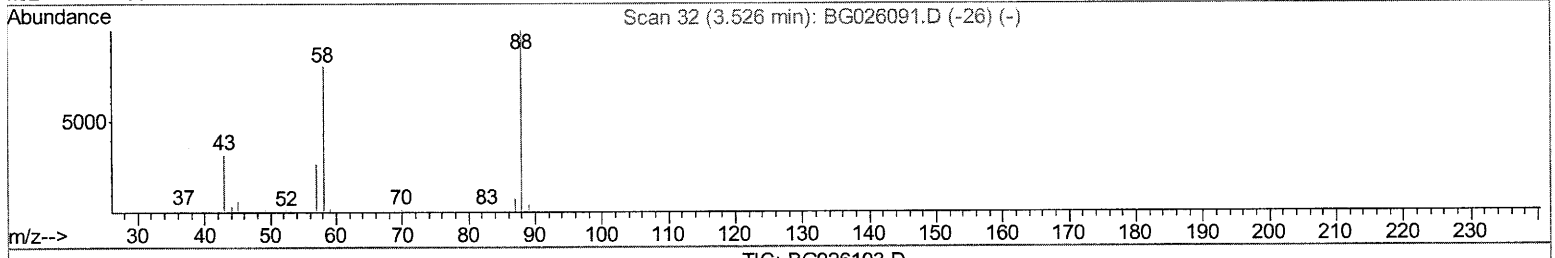
3/8/2017 1:47:58 PM







TIC: BG026103.D

(2) 1,4-Dioxane

3.529min (+0.003) 7.64ng/uL m SJ 3/8/17

response 20947

Ion	Exp%	Act%
88.00	100	100
43.00	26.30	0.42#
58.00	59.80	0.96#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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Manual Integrations APPROVED
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Quant Time: Mar 08 02:32:20 2017
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	105819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	444277	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	250399	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.39	188	596502	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	821394	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	827788	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	18514	7.52	ng/uL	0.00
5) Phenol-d5	7.22	99	157749	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	101399	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	134579	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	123993	20.17	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	66385	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	62089	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	126450	21.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	167744	20.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.06	166	389011	23.88	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	497192	22.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	70600	22.01	ng/ul	0.00
57) Fluorene-d10	15.65	176	360020	22.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	55336	19.77	ng/ul	0.00
70) Anthracene-d10	17.49	188	548971	20.28	ng/ul	0.00
78) Pyrene-d10	19.77	212	680514	20.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	747148	20.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	20947m	7.64	ng/uL	
4) Benzaldehyde	7.19	77	111784	22.29	ng/ul	96
6) Phenol	7.24	94	167281	20.53	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.48	93	133317	20.16	ng/ul#	87
10) 2-Chlorophenol	7.63	128	131813	21.20	ng/ul	94
11) 2-Methylphenol	8.49	108	123197	19.84	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.59	45	160464	20.82	ng/ul#	92
14) Acetophenone	8.88	105	201469	19.98	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.86	70	94630	19.90	ng/ul	96
16) 4-Methylphenol	8.82	108	135369	20.10	ng/ul	96
17) Hexachloroethane	9.15	117	53809	20.87	ng/ul	90
20) Nitrobenzene	9.26	77	138192	20.33	ng/ul	98
21) Isophorone	9.78	82	268979	20.95	ng/ul#	97
23) 2-Nitrophenol	9.97	139	68921	24.60	ng/ul#	89
24) 2,4-Dimethylphenol	10.03	107	136752	21.69	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.26	93	173171	20.68	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	126182	21.86	ng/ul	96
28) Naphthalene	10.91	128	439170	20.29	ng/ul	98
30) 4-Chloroaniline	11.01	127	158135	20.55	ng/ul	95
31) Hexachlorobutadiene	11.20	225	82695	19.80	ng/ul	97
32) Caprolactam	11.75	113	38766	18.68	ng/ul#	63
33) 4-Chloro-3-methylphenol	12.12	107	121820	21.60	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	331079	20.46	ng/ul	95

SJ 3/8/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	156236	22.07	ng/ul	96
37) Hexachlorocyclopentadiene	12.86	237	84403	22.66	ng/ul	99
38) 2,4,6-Trichlorophenol	13.11	196	89070	24.21	ng/ul	96
39) 2,4,5-Trichlorophenol	13.18	196	97330	24.62	ng/ul	98
40) 1,1'-Biphenyl	13.51	154	418419	22.73	ng/ul	98
41) 2-Chloronaphthalene	13.55	162	303493	22.12	ng/ul	94
42) 2-Nitroaniline	13.74	65	79901	25.56	ng/ul	99
44) Dimethylphthalate	14.11	163	376220	23.57	ng/ul	99
45) 2,6-Dinitrotoluene	14.23	165	77662	23.82	ng/ul	97
47) Acenaphthylene	14.39	152	505000	22.91	ng/ul	99
48) 3-Nitroaniline	14.56	138	83962	23.23	ng/ul	99
49) Acenaphthene	14.73	153	349732	22.63	ng/ul	98
50) 2,4-Dinitrophenol	14.76	184	29340	19.33	ng/ul	88
52) 4-Nitrophenol	14.86	109	42647	23.02	ng/ul#	67
53) Dibenzofuran	15.06	168	488076	22.56	ng/ul	90
54) 2,4-Dinitrotoluene	15.02	165	114030	23.37	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.29	232	85839	24.29	ng/ul#	93
56) Diethylphthalate	15.47	149	377539	24.12	ng/ul	97
58) Fluorene	15.71	166	406544	22.63	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.70	204	186522	21.75	ng/ul#	88
60) 4-Nitroaniline	15.71	138	97688	23.18	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.77	198	61229	20.24	ng/ul#	89
64) N-Nitrosodiphenylamine	15.91	169	342026	20.86	ng/ul	97
65) 4-Bromophenyl-phenylether	16.58	248	124455	20.19	ng/ul#	85
66) Hexachlorobenzene	16.71	284	135370	20.02	ng/ul#	85
67) Atrazine	16.84	200	125004	21.12	ng/ul	98
68) Pentachlorophenol	17.05	266	64823	18.81	ng/ul	93
69) Phenanthrene	17.44	178	653121	20.66	ng/ul	98
71) Anthracene	17.53	178	665166	20.88	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	146448	20.52	ng/uL	100
73) Pentachlorobenzene	14.99	250	145988	19.95	ng/uL	100
74) Carbazole	17.79	167	635104	22.20	ng/ul	97
75) Di-n-butylphthalate	18.35	149	689843	23.83	ng/ul	99
76) Fluoranthene	19.43	202	831244	23.32	ng/ul	98
79) Pyrene	19.80	202	853699	20.38	ng/ul	98
80) Butylbenzylphthalate	20.67	149	334417	24.39	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.53	252	299490	21.12	ng/ul	99
82) Benzo(a)anthracene	21.62	228	926373	20.61	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	520150	24.31	ng/ul#	96
84) Chrysene	21.68	228	880780	20.48	ng/ul	97
86) Di-n-octyl phthalate	22.72	149	891900	24.06	ng/ul	100
87) Benzo(b)fluoranthene	23.82	252	940627	20.49	ng/ul	99
88) Benzo(k)fluoranthene	23.88	252	927059	20.73	ng/ul	98
90) Benzo(a)pyrene	24.67	252	940733	20.85	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.45	276	1112367	20.46	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.51	278	912953	20.35	ng/ul	99
93) Benzo(g,h,i)perylene	29.58	276	931038	20.61	ng/ul	99

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