Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022721\
Data File : BM028917.D
Acq On : 26 Feb 2021 13:48
Operator : CG/JU
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 14:27:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 12:32:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08001

Manual Integrations APPROVED
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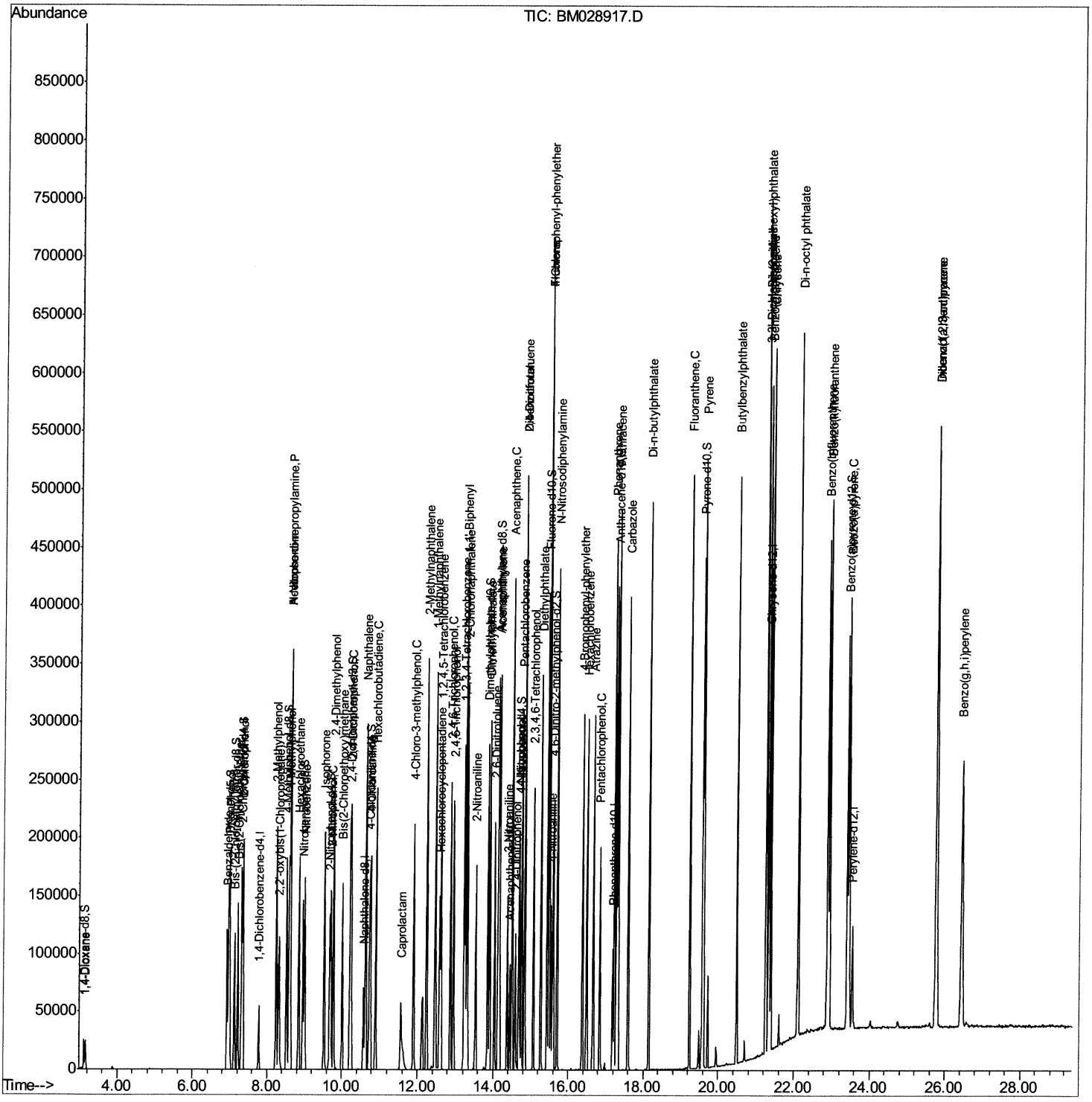

Quantitation Report (Qedit)

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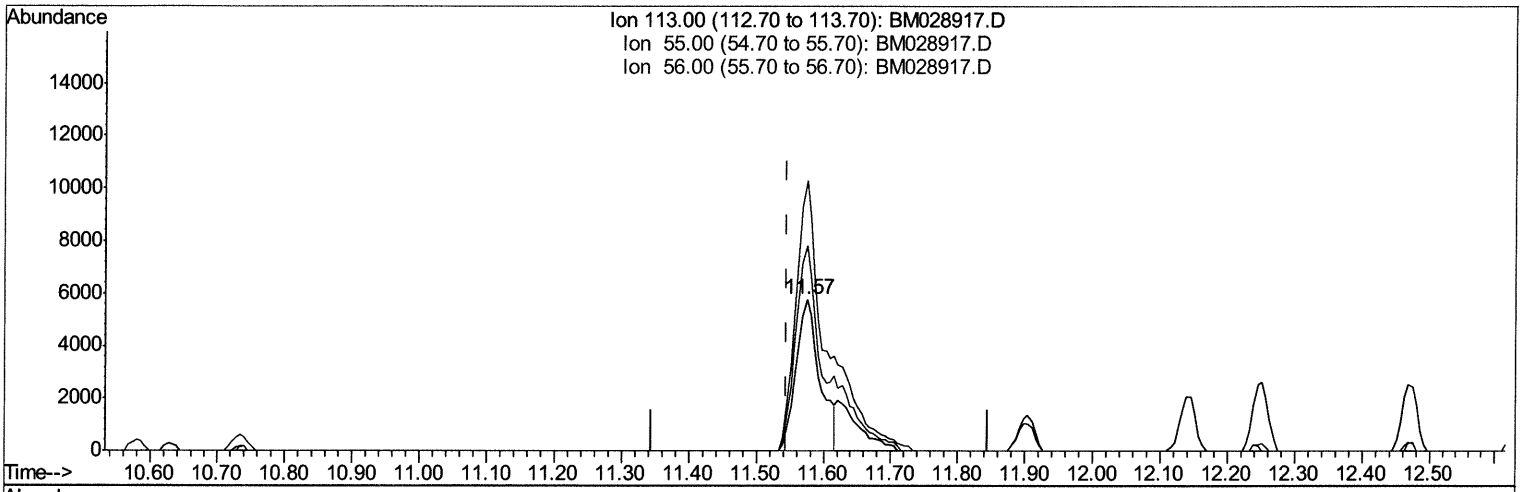

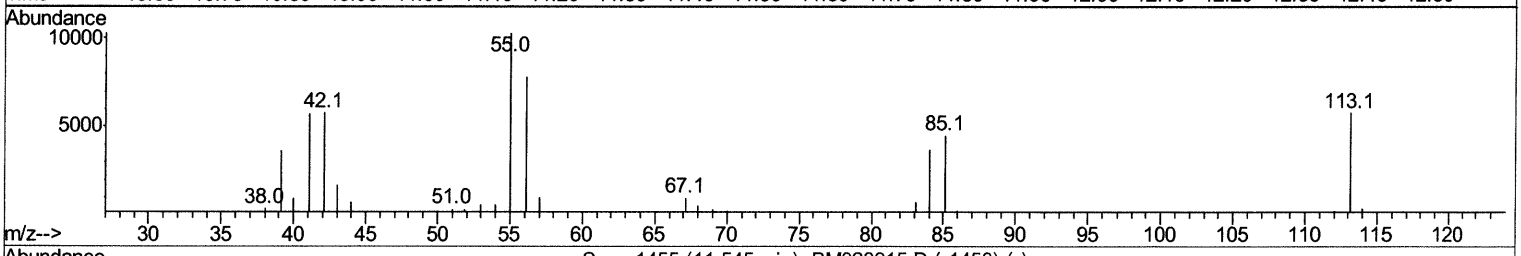

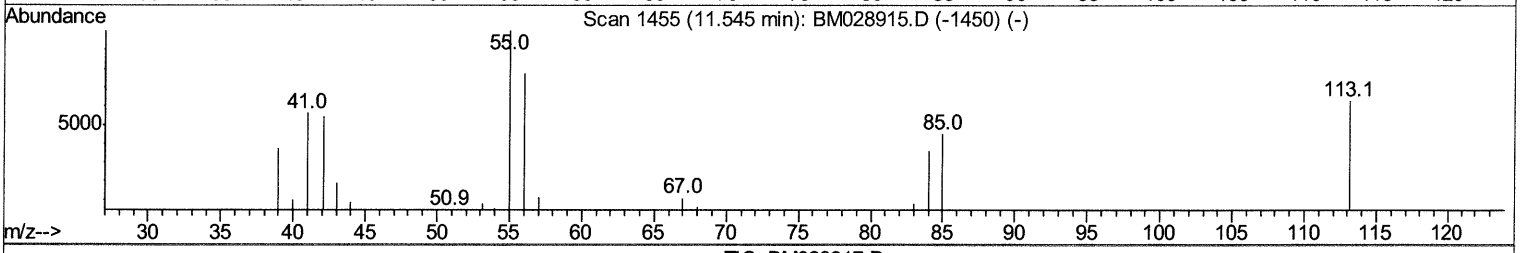

TIC: BM028917.D

(32) Caprolactam

11.575min (+0.029) 52.55ng/ul

response 14210

Ion	Exp%	Act%
113.00	100	100
55.00	166.70	178.58
56.00	130.70	135.72
0.00	0.00	0.00

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Manual Integrations APPROVED
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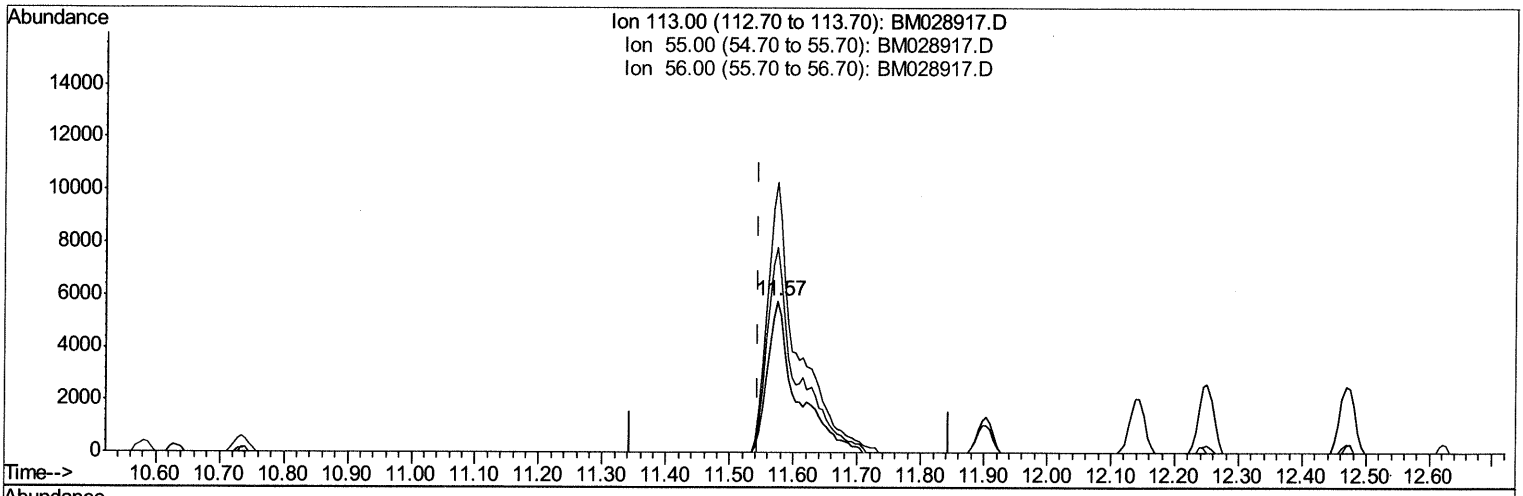

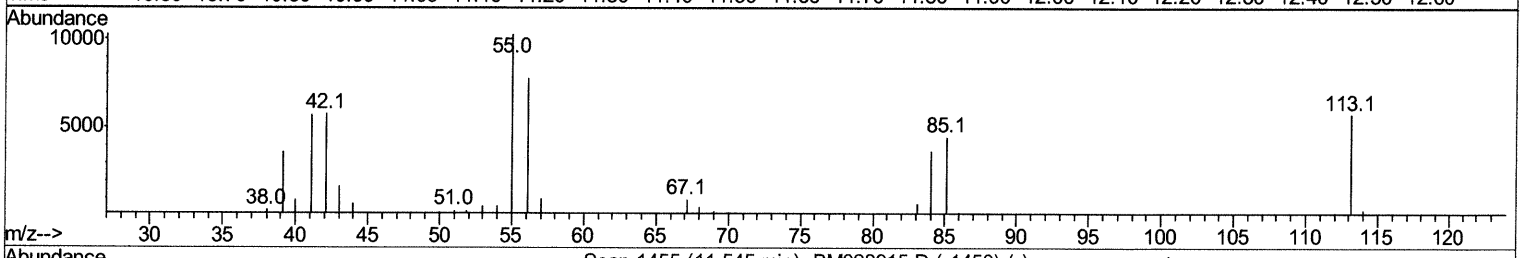

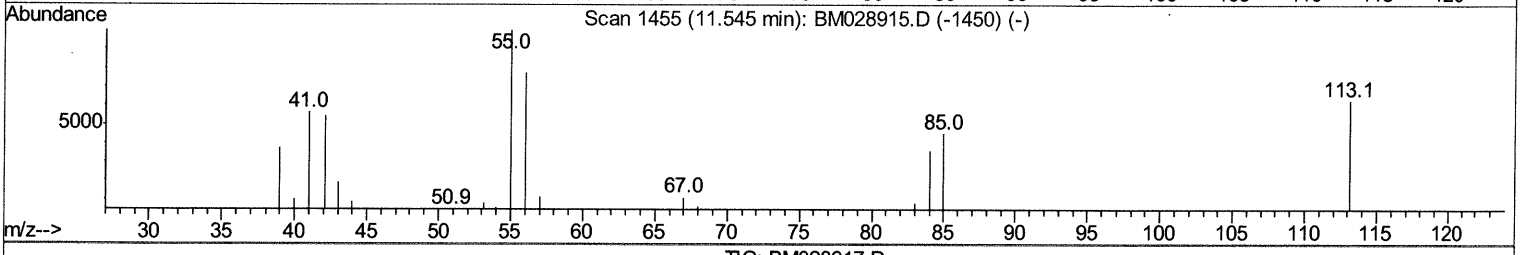

TIC: BM028917.D

(32) Caprolactam

11.575min (+0.029) 69.01ng/ul m 03/01/21 JU

response 18663

Ion	Exp%	Act%
113.00	100	100
55.00	166.70	178.58
56.00	130.70	135.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022721\
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Quant Time: Feb 26 14:27:10 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 12:32:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	14865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	56970	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	31208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	59495	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	55760	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	54218	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11020	35.30	ng/uL	0.00
5) Phenol-d5	6.96	99	85893	75.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	49388	77.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	78908	81.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	69169	72.81	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	34876	86.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	41348	90.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	72205	82.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	76046	73.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	178168	79.19	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	242348	84.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	31544	80.97	ng/ul	0.01
58) Fluorene-d10	15.44	176	152214	80.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	31891	87.64	ng/ul	0.01
71) Anthracene-d10	17.29	188	222657	82.17	ng/ul	0.00
79) Pyrene-d10	19.57	212	224983	80.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	230681	82.55	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	10860	33.721	ng/uL	96
4) Benzaldehyde	6.92	77	36914	68.538	ng/ul	95
6) Phenol	6.99	94	88766	75.946	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	69534	76.700	ng/ul	99
10) 2-Chlorophenol	7.35	128	80552	79.849	ng/ul	99
11) 2-Methylphenol	8.25	108	66895	73.698	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.31	45	106833	76.995	ng/ul	96
14) Acetophenone	8.62	105	113298	74.553	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	52359	75.118	ng/ul	99
16) 4-Methylphenol	8.59	108	71721	72.691	ng/ul	91
17) Hexachloroethane	8.85	117	34806	82.739	ng/ul	95
20) Nitrobenzene	9.00	77	79779	84.347	ng/ul	97
21) Isophorone	9.53	82	134624	77.966	ng/ul	99
23) 2-Nitrophenol	9.71	139	44395	86.801	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	81976	81.634	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	87708	77.817	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	71403	81.971	ng/ul	99
28) Naphthalene	10.63	128	233615	80.364	ng/ul	98
30) 4-Chloroaniline	10.76	127	77263	73.346	ng/ul	96
31) Hexachlorobutadiene	10.90	225	46302	84.715	ng/ul	96
32) Caprolactam	11.57	113	18663m>	69.012	ng/ul>	03/01/21 JU
33) 4-Chloro-3-methylphenol	11.90	107	69275	76.806	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	161829	77.103	ng/ul	99

Quantitation Report (QT Reviewed)

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Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Feb 26 14:27:10 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 12:32:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.47	142	155977	76.388	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	81248	87.968	ng/ul	97
38) Hexachlorocyclopentadiene	12.59	237	39094	101.568	ng/ul	98
39) 2,4,6-Trichlorophenol	12.87	196	52872	87.602	ng/ul	96
40) 2,4,5-Trichlorophenol	12.95	196	56476	86.883	ng/ul	99
41) 1,1'-Biphenyl	13.27	154	201340	84.509	ng/ul	98
42) 2-Chloronaphthalene	13.32	162	157772	85.237	ng/ul	99
43) 2-Nitroaniline	13.54	65	43995	90.580	ng/ul	92
45) Dimethylphthalate	13.91	163	183885	79.279	ng/ul	100
46) 2,6-Dinitrotoluene	14.04	165	39741	85.602	ng/ul	95
48) Acenaphthylene	14.17	152	226752	83.423	ng/ul	99
49) 3-Nitroaniline	14.37	138	35186	78.612	ng/ul	95
50) Acenaphthene	14.51	153	163469	82.284	ng/ul	98
51) 2,4-Dinitrophenol	14.59	184	24213	90.341	ng/ul	96
53) 4-Nitrophenol	14.70	109	27318	85.672	ng/ul	95
54) Dibenzofuran	14.84	168	223915	81.311	ng/ul	100
55) 2,4-Dinitrotoluene	14.84	165	55881	83.100	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.07	232	43849	83.290	ng/ul	95
57) Diethylphthalate	15.27	149	189261	78.388	ng/ul	98
59) Fluorene	15.50	166	186399	81.029	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.49	204	90999	80.610	ng/ul	97
61) 4-Nitroaniline	15.54	138	34357	67.339	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.60	198	31823	85.510	ng/ul	94
65) N-Nitrosodiphenylamine	15.71	169	155379	85.062	ng/ul	95
66) 4-Bromophenyl-phenylether	16.38	248	52373	84.683	ng/ul	95
67) Hexachlorobenzene	16.49	284	56982	80.585	ng/ul	96
68) Atrazine	16.66	200	54575	80.852	ng/ul	96
69) Pentachlorophenol	16.84	266	31977	85.194	ng/ul	96
70) Phenanthrene	17.23	178	265800	80.731	ng/ul	99
72) Anthracene	17.32	178	278116	81.695	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	79461	91.349	ng/uL	97
74) Pentachlorobenzene	14.76	250	72366	86.835	ng/uL	99
75) Carbazole	17.60	167	240594	80.037	ng/ul	99
76) Di-n-butylphthalate	18.14	149	319417	80.413	ng/ul	99
77) Fluoranthene	19.24	202	289960	78.463	ng/ul	100
80) Pyrene	19.60	202	299575	79.743	ng/ul	99
81) Butylbenzylphthalate	20.49	149	141818	81.433	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.27	252	85842	77.855	ng/ul	99
83) Benzo(a)anthracene	21.33	228	279989	80.758	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	217325	80.710	ng/ul	99
85) Chrysene	21.39	228	269502	80.332	ng/ul	100
87) Di-n-octyl phthalate	22.12	149	371817	73.047	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	288223	81.060	ng/ul	99
89) Benzo(k)fluoranthene	22.94	252	270560	77.948	ng/ul	99
91) Benzo(a)pyrene	23.46	252	250945	81.851	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.78	276	317352	90.441	ng/ul	98
93) Dibenzo(a,h)anthracene	25.78	278	271612	90.664	ng/ul	99
94) Benzo(g,h,i)perylene	26.45	276	262070	92.089	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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