Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060221\
Data File : BM030264.D
Acq On : 02 Jun 2021 18:03
Operator : CG/JU
Sample : PB136743BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 02 18:34:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 02 17:27:46 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS743

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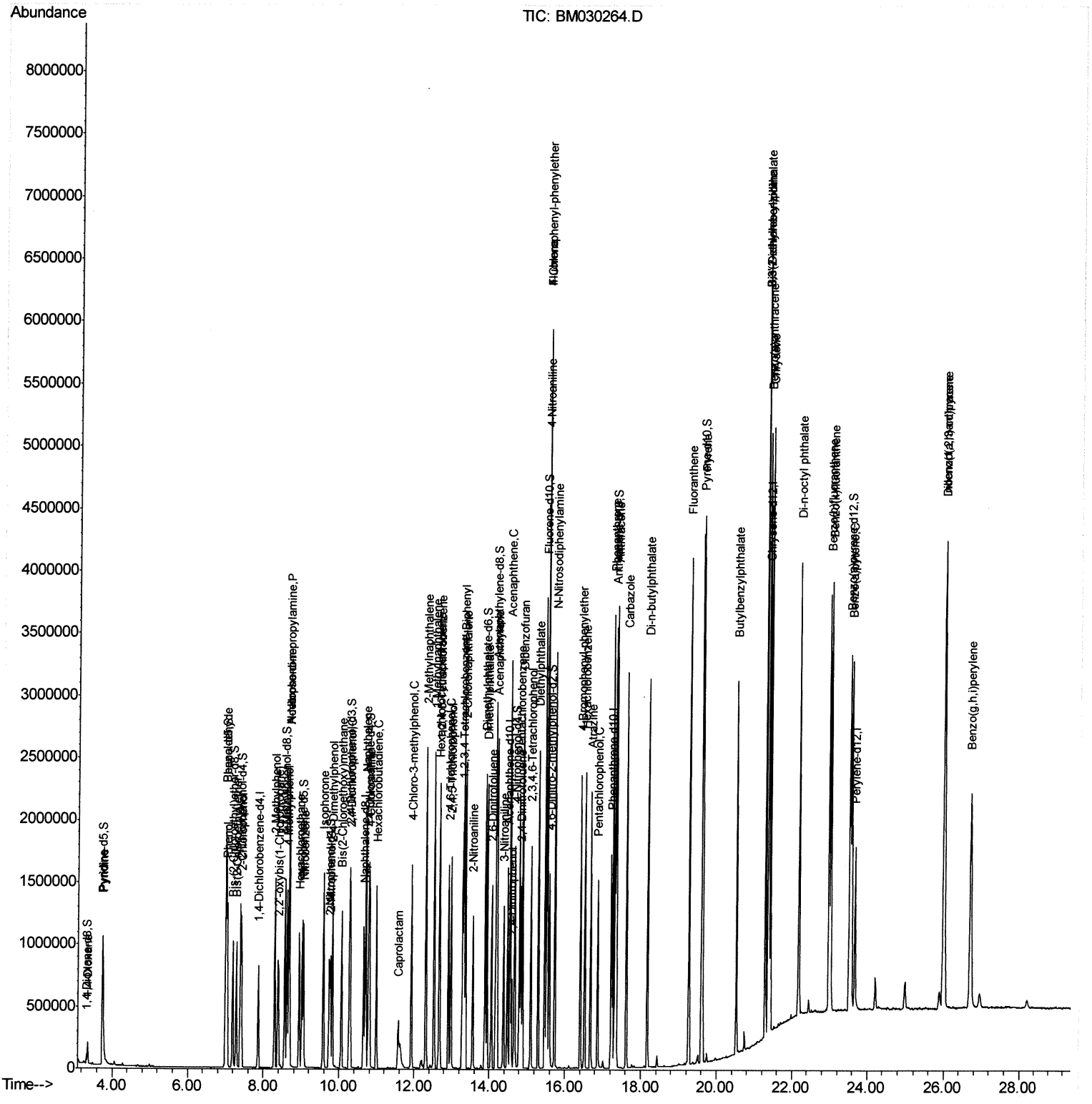

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Quant Time: Jun 03 02:09:49 2021
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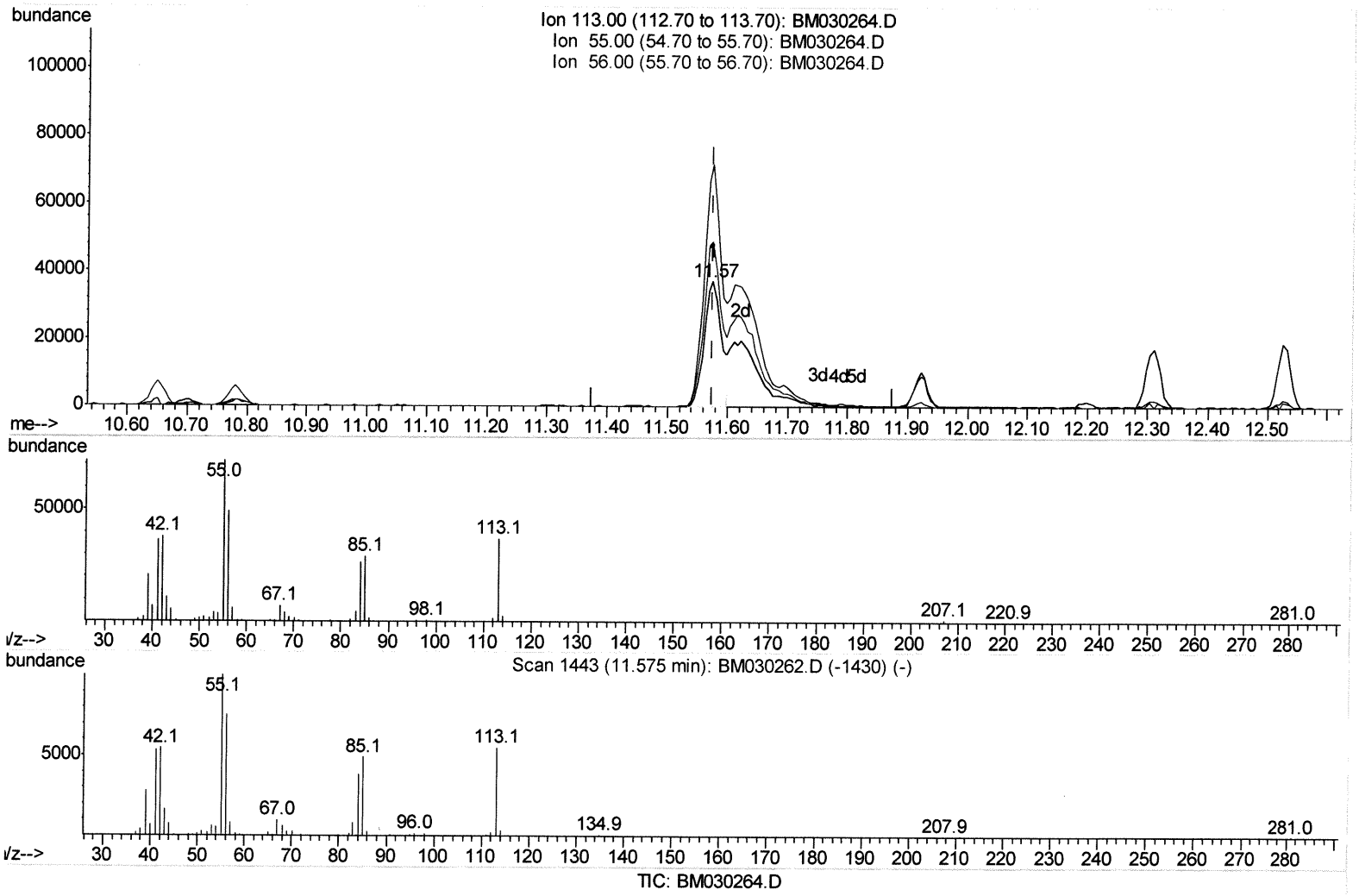

TIC: BM030264.D

(34) Caprolactam

11.575min (-0.000) 16.81ng/ul

response 73152

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	193.12
56.00	134.00	132.09
0.00	0.00	0.00

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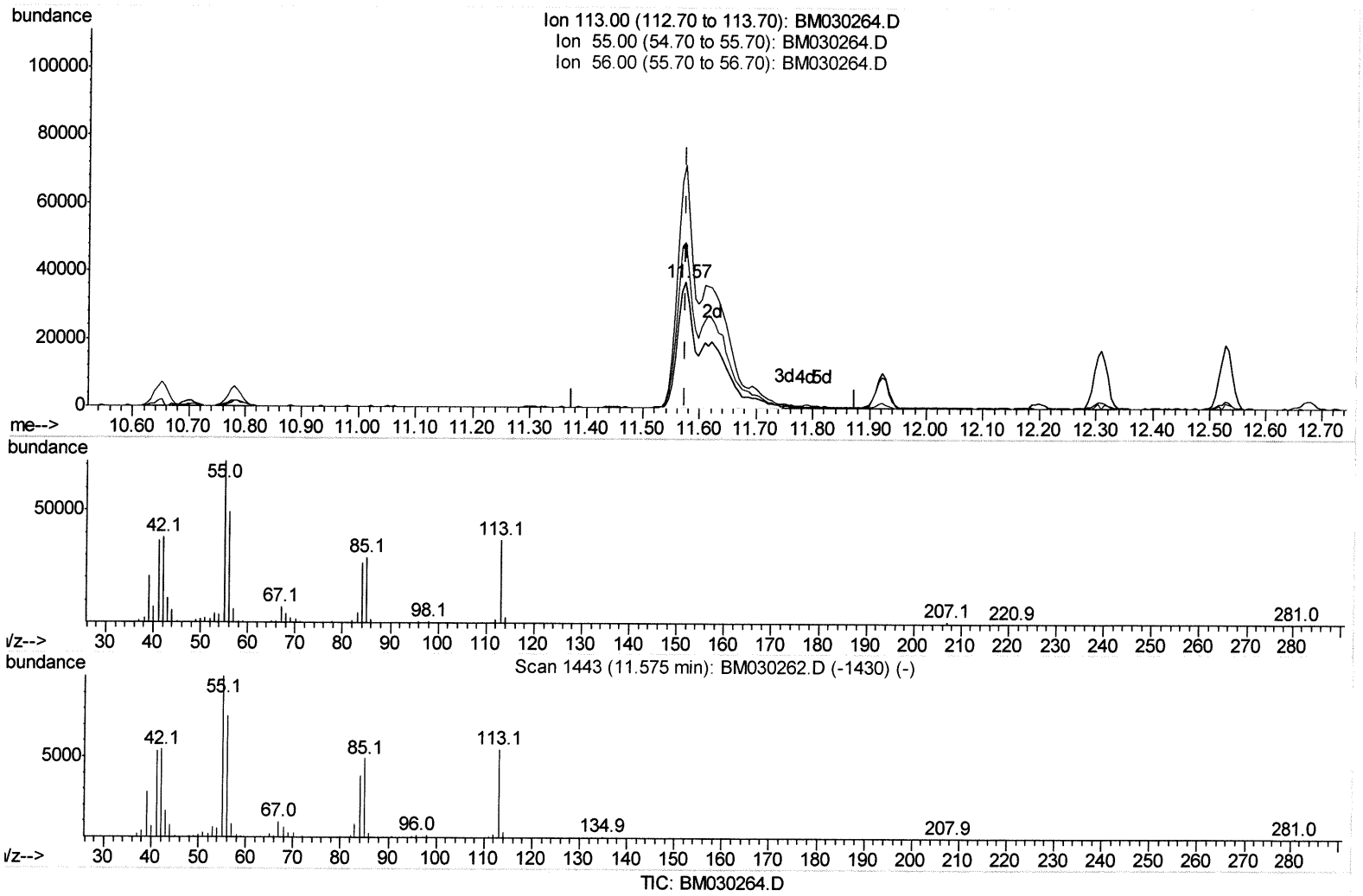

(34) Caprolactam

11.575min (-0.000) 32.35ng/ul m

response 140769

JU 6/03/21

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	193.12
56.00	134.00	132.09
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	221538	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	920448	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	552888	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.22	188	1040991	20.00	ng/ul	0.00
79) Chrysene-d12	21.38	240	940113	20.00	ng/ul	0.00
88) Perylene-d12	23.66	264	862501	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	34654	6.40	ng/uL	0.00
4) Pyridine-d5	3.73	84	467967	30.84	ng/ul	0.00
7) Phenol-d5	7.02	99	732224	37.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.19	67	465129	37.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.39	132	559310	38.33	ng/ul	0.00
15) 4-Methylphenol-d8	8.56	113	562162	36.35	ng/ul	0.00
21) Nitrobenzene-d5	9.02	128	264782	44.07	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	265916	46.47	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.27	165	566562	38.37	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	746897	34.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.89	166	1584802	37.49	ng/ul	0.00
49) Acenaphthylene-d8	14.17	160	2081721	38.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	272807	39.94	ng/ul	0.00
60) Fluorene-d10	15.47	176	1404021	38.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.59	200	228073	45.19	ng/ul	0.00
73) Anthracene-d10	17.32	188	1959321	38.03	ng/ul	0.00
81) Pyrene-d10	19.60	212	2071020	41.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.52	264	2003120	40.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	83585	14.356	ng/uL	96
5) Pyridine	3.75	79	460064	29.521	ng/ul	99
6) Benzaldehyde	7.00	77	396600	38.158	ng/ul	97
8) Phenol	7.05	94	659708	33.340	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.28	93	525962	33.115	ng/ul	98
12) 2-Chlorophenol	7.42	128	501853	33.589	ng/ul	99
13) 2-Methylphenol	8.29	108	483534	32.317	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.39	45	840210	31.835	ng/ul	98
16) Acetophenone	8.68	105	813247	32.532	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.67	70	420299	31.873	ng/ul	98
18) 4-Methylphenol	8.62	108	530745	32.943	ng/ul	99
19) Hexachloroethane	8.94	117	203247	31.771	ng/ul	93
22) Nitrobenzene	9.06	77	603732	37.119	ng/ul	99
23) Isophorone	9.58	82	1108501	32.322	ng/ul	99
25) 2-Nitrophenol	9.77	139	268645	41.581	ng/ul	98
26) 2,4-Dimethylphenol	9.82	107	476633	27.728	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.06	93	715095	34.019	ng/ul	99
29) 2,4-Dichlorophenol	10.29	162	495983	34.808	ng/ul	97
30) Naphthalene	10.70	128	1654983	32.772	ng/ul	99
32) 4-Chloroaniline	10.80	127	656362	28.914	ng/ul	99
33) Hexachlorobutadiene	10.99	225	297948	30.689	ng/ul	99
34) Caprolactam	11.57	113	140769m	32.347	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	509010	34.078	ng/ul	98
36) 2-Methylnaphthalene	12.31	142	1191789	31.562	ng/ul	98
37) 1-Methylnaphthalene	12.53	142	1157354	31.527	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	604287	33.685	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	295406	23.499	ng/ul	98
41) 2,4,6-Trichlorophenol	12.92	196	381075	37.848	ng/ul	96
42) 2,4,5-Trichlorophenol	12.98	196	416458	38.232	ng/ul	99
43) 1,1'-Biphenyl	13.32	154	1525831	34.604	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	1181943	34.869	ng/ul	98
45) 2-Nitroaniline	13.56	65	324474	41.673	ng/ul	97
47) Dimethylphthalate	13.94	163	1419740	34.003	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	276777	41.594	ng/ul	97
50) Acenaphthylene	14.20	152	1748492	33.231	ng/ul	99
51) 3-Nitroaniline	14.38	138	286173	36.899	ng/ul#	97
52) Acenaphthene	14.54	153	1273083	34.253	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	139973	33.504	ng/ul	94
55) 4-Nitrophenol	14.68	109	197849	26.381	ng/ul	98
56) Dibenzofuran	14.88	168	1756506	34.144	ng/ul	99
57) 2,4-Dinitrotoluene	14.84	165	386595	40.059	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.10	232	331666	36.057	ng/ul	97
59) Diethylphthalate	15.30	149	1404692	33.213	ng/ul	99
61) Fluorene	15.53	166	1475177	33.799	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.52	204	714591	33.391	ng/ul	100
63) 4-Nitroaniline	15.54	138	302384	37.918	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.60	198	208254	40.003	ng/ul	96
67) N-Nitrosodiphenylamine	15.73	169	1224773	36.072	ng/ul	99
68) 4-Bromophenyl-phenylether	16.41	248	412782	35.230	ng/ul	97
69) Hexachlorobenzene	16.53	284	455841	34.036	ng/ul	96
70) Atrazine	16.68	200	382045	31.369	ng/ul	98
71) Pentachlorophenol	16.87	266	247754	30.291	ng/ul	97
72) Phenanthrene	17.26	178	2179803	35.731	ng/ul	100
74) Anthracene	17.35	178	2166002	34.612	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	591356	34.818	ng/uL	99
76) Pentachlorobenzene	14.80	250	547166	34.730	ng/uL	99
77) Carbazole	17.62	167	1917470	33.813	ng/ul	100
78) Di-n-butylphthalate	18.18	149	2194876	34.846	ng/ul	100
80) Fluoranthene	19.27	202	2362930	38.359	ng/ul	99
82) Pyrene	19.63	202	2456534	38.154	ng/ul	97
83) Butylbenzylphthalate	20.52	149	858513	39.066	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.29	252	667936	33.557	ng/ul	99
85) Benzo(a)anthracene	21.36	228	2268071	36.617	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.29	149	1317233	37.354	ng/ul	100
87) Chrysene	21.42	228	2208921	36.636	ng/ul	99
89) Di-n-octyl phthalate	22.18	149	2177464	39.263	ng/ul	100
90) Benzo(b)fluoranthene	22.97	252	2280728	39.460	ng/ul	99
91) Benzo(k)fluoranthene	23.02	252	2190833	38.437	ng/ul	100
93) Benzo(a)pyrene	23.57	252	1994948	39.103	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.99	276	2592174	40.565	ng/ul	98
95) Dibenzo(a,h)anthracene	26.00	278	2185822	40.914	ng/ul	98
96) Benzo(g,h,i)perylene	26.71	276	2092872	40.085	ng/ul	97

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

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