Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052521\
Data File : BN014729.D
Acq On : 25 May 2021 11:03
Operator : CG/JU
Sample : PB136608BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 25 11:32:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 10:33:04 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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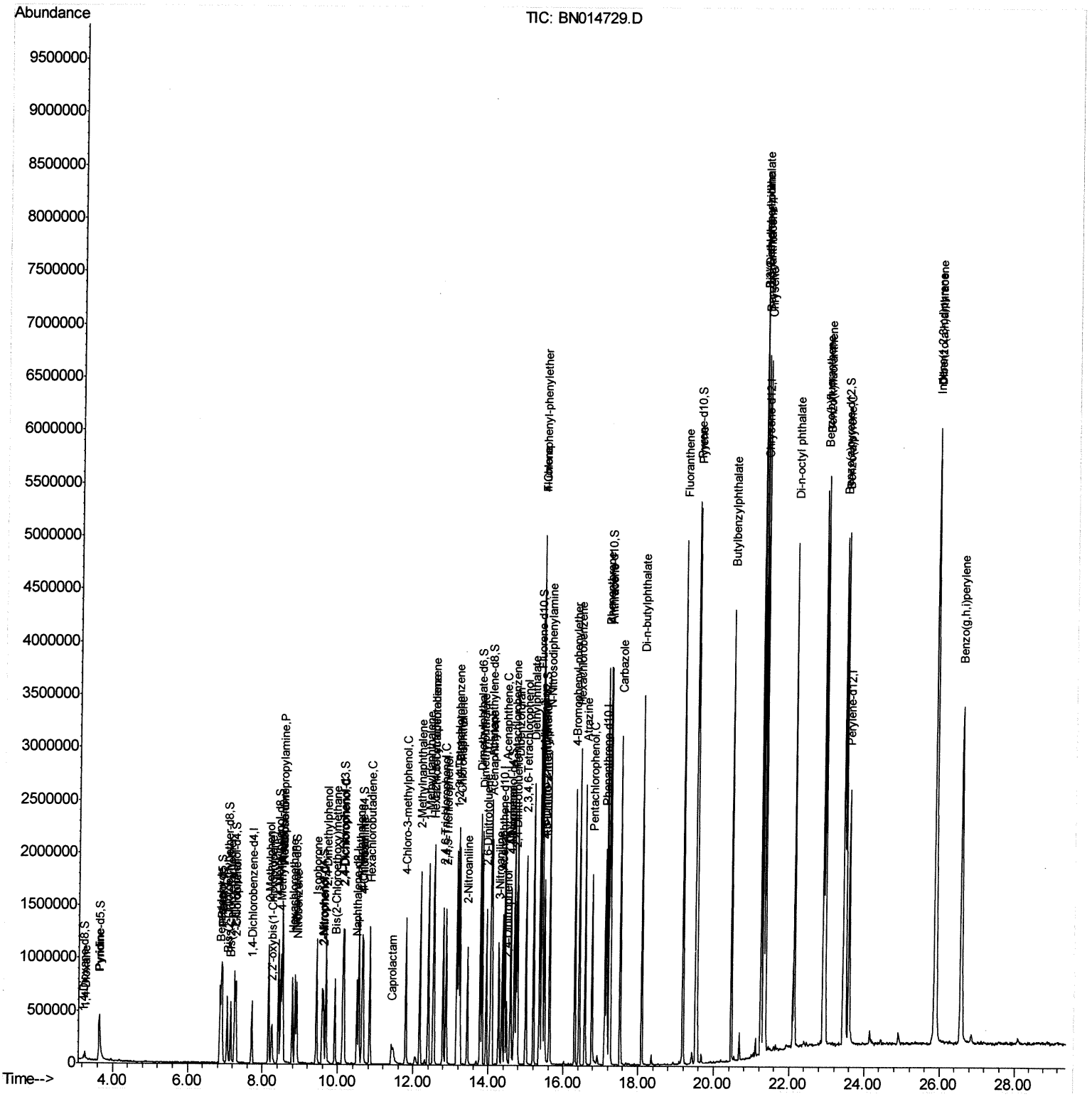

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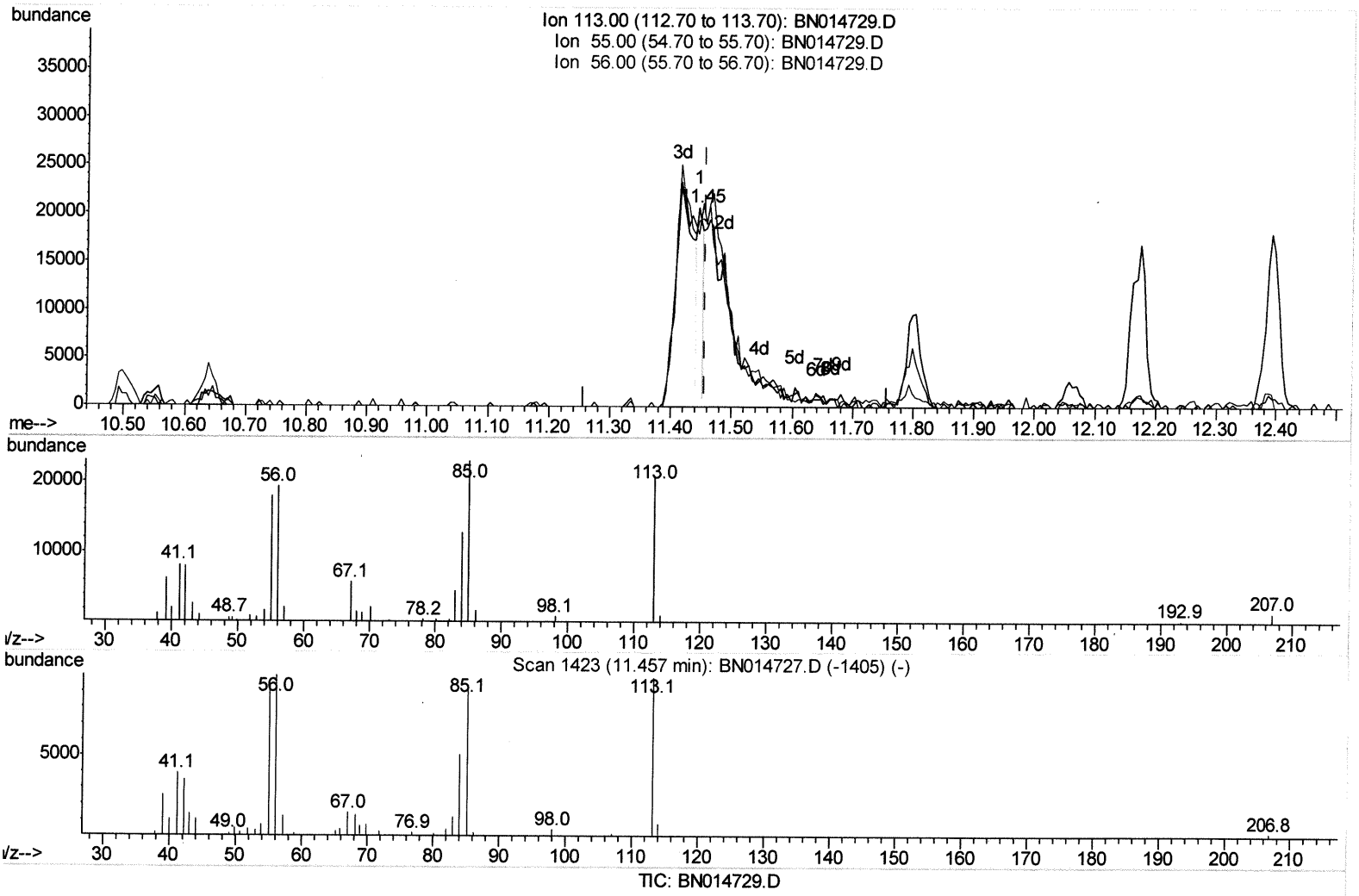

TIC: BN014729.D

(34) Caprolactam

11.446min (-0.012) 3.98ng/ul

response 13206

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	86.83#
56.00	73.20	93.17#
0.00	0.00	0.00

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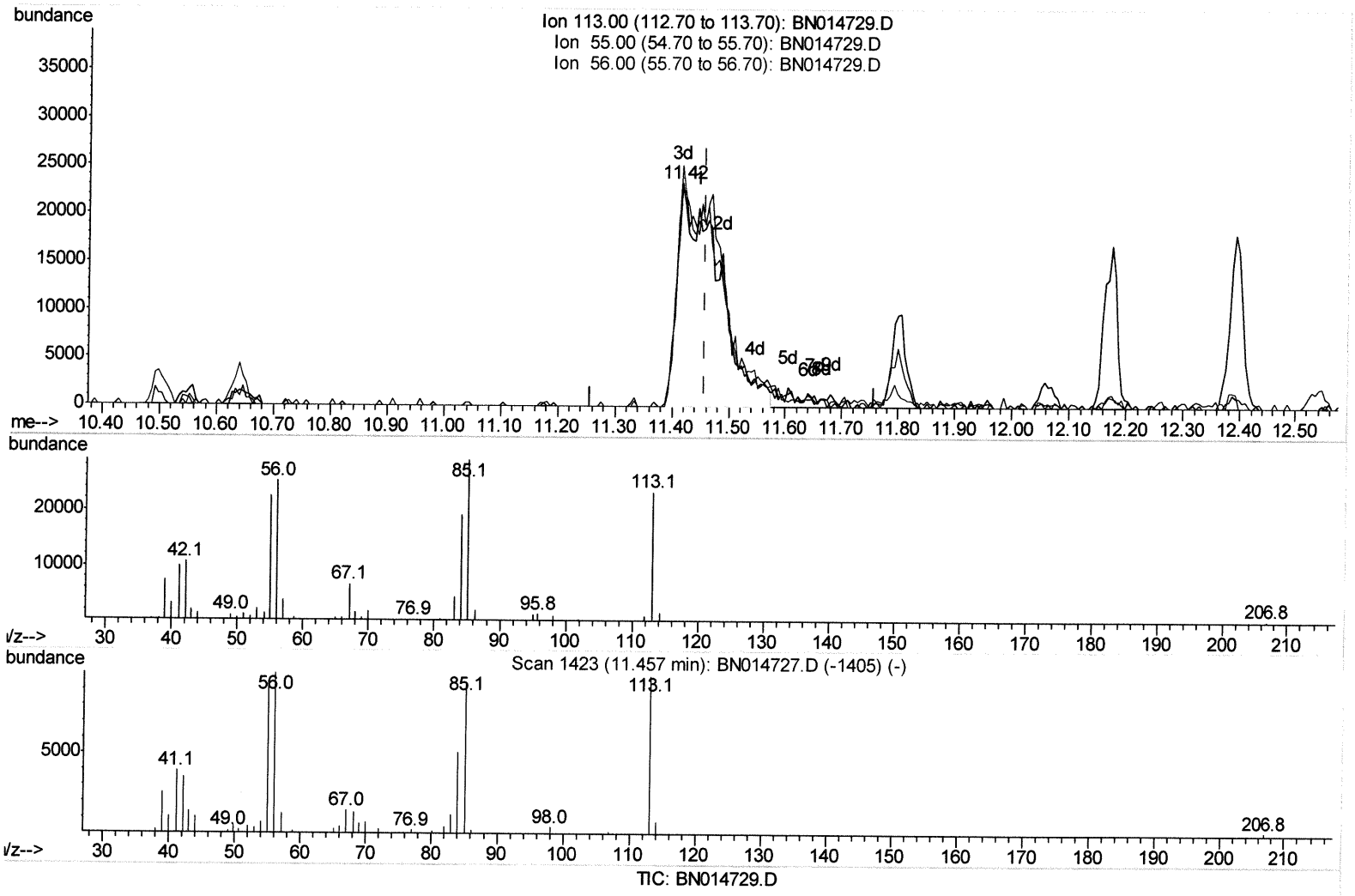

(34) Caprolactam

11.416min (-0.041) 35.54ng/ul m JN 5/27/21

response 117814

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	95.98
56.00	73.20	107.89#
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	7.72	152	143616	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	579552	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.37	164	454090	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1134844	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1543572	20.00	ng/ul	0.00
88) Perylene-d12	23.59	264	1848280	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	18062	5.12	ng/uL	0.00
4) Pyridine-d5	3.63	84	278430	31.35	ng/ul	0.00
7) Phenol-d5	6.89	99	518000	36.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	253023	36.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	324910	37.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	410077	37.51	ng/ul	0.00
21) Nitrobenzene-d5	8.87	128	172087	39.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	184512	39.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	408856	38.21	ng/ul	0.00
31) 4-Chloroaniline-d4	10.64	131	473003	37.50	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	1483443	41.12	ng/ul	0.00
49) Acenaphthylene-d8	14.06	160	1642520	39.37	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	238338	41.59	ng/ul	0.00
60) Fluorene-d10	15.36	176	1247944	40.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	273691	44.09	ng/ul	0.00
73) Anthracene-d10	17.22	188	2064790	38.95	ng/ul	0.00
81) Pyrene-d10	19.52	212	2716294	37.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.44	264	3848088	39.09	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	49283	11.903	ng/uL#	77
5) Pyridine	3.65	79	255098	27.409	ng/ul	98
6) Benzaldehyde	6.86	77	285372	37.685	ng/ul	100
8) Phenol	6.92	94	483981	33.447	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.15	93	357304	31.993	ng/ul	97
12) 2-Chlorophenol	7.29	128	291833	32.015	ng/ul	96
13) 2-Methylphenol	8.16	108	355653	33.469	ng/ul	89
14) 2,2'-oxybis(1-Chloropropan	8.25	45	228072	32.372	ng/ul	93
16) Acetophenone	8.53	105	620949	34.309	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.52	70	303919	34.862	ng/ul#	96
18) 4-Methylphenol	8.49	108	397846	34.327	ng/ul	99
19) Hexachloroethane	8.79	117	133254	29.198	ng/ul	92
22) Nitrobenzene	8.91	77	459512	33.726	ng/ul	97
23) Isophorone	9.43	82	895447	34.610	ng/ul	99
25) 2-Nitrophenol	9.62	139	173756	34.843	ng/ul	93
26) 2,4-Dimethylphenol	9.69	107	479709	31.250	ng/ul	92
27) Bis(2-Chloroethoxy)methane	9.92	93	526234	33.475	ng/ul#	96
29) 2,4-Dichlorophenol	10.16	162	353160	34.417	ng/ul	95
30) Naphthalene	10.55	128	1046977	33.237	ng/ul	98
32) 4-Chloroaniline	10.66	127	429012	31.958	ng/ul	98
33) Hexachlorobutadiene	10.84	225	291615	31.783	ng/ul	95
34) Caprolactam	11.42	113	117814m	35.537	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	544537	36.620 ng/ul	96
36) 2-Methylnaphthalene	12.17	142	780764	33.252 ng/ul	99
37) 1-Methylnaphthalene	12.39	142	788263	34.146 ng/ul	92
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	558489	32.529 ng/ul#	97
40) Hexachlorocyclopentadiene	12.53	237	311407	27.379 ng/ul	95
41) 2,4,6-Trichlorophenol	12.79	196	342283	35.502 ng/ul	95
42) 2,4,5-Trichlorophenol	12.87	196	381160	36.226 ng/ul	96
43) 1,1'-Biphenyl	13.20	154	1136893	34.999 ng/ul	96
44) 2-Chloronaphthalene	13.23	162	894220	34.355 ng/ul	98
45) 2-Nitroaniline	13.44	65	297524	37.529 ng/ul	95
47) Dimethylphthalate	13.83	163	1290404	36.163 ng/ul	99
48) 2,6-Dinitrotoluene	13.95	165	262804	39.633 ng/ul	96
50) Acenaphthylene	14.09	152	1340135	34.940 ng/ul	98
51) 3-Nitroaniline	14.27	138	229983	35.744 ng/ul	92
52) Acenaphthene	14.43	153	975497	35.100 ng/ul	97
53) 2,4-Dinitrophenol	14.48	184	113503	23.576 ng/ul	95
55) 4-Nitrophenol	14.60	109	279992	25.484 ng/ul	92
56) Dibenzofuran	14.77	168	1456354	35.227 ng/ul	91
57) 2,4-Dinitrotoluene	14.73	165	417609	39.519 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	398002	36.772 ng/ul	98
59) Diethylphthalate	15.20	149	1311755	38.240 ng/ul	97
61) Fluorene	15.42	166	1134561	36.476 ng/ul	96
62) 4-Chlorophenyl-phenylether	15.42	204	663500	36.056 ng/ul	90
63) 4-Nitroaniline	15.44	138	262667	40.191 ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.50	198	240583	39.620 ng/ul#	86
67) N-Nitrosodiphenylamine	15.63	169	1097392	35.902 ng/ul	97
68) 4-Bromophenyl-phenylether	16.32	248	531368	35.957 ng/ul	94
69) Hexachlorobenzene	16.43	284	645918	34.939 ng/ul	96
70) Atrazine	16.59	200	474784	37.564 ng/ul	93
71) Pentachlorophenol	16.77	266	333510	31.334 ng/ul	95
72) Phenanthrene	17.16	178	2184517	36.841 ng/ul	98
74) Anthracene	17.25	178	2169503	36.302 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	589577	31.440 ng/uL	90
76) Pentachlorobenzene	14.69	250	657037	33.877 ng/uL	97
77) Carbazole	17.53	167	1953061	38.776 ng/ul	97
78) Di-n-butylphthalate	18.10	149	2234579	37.652 ng/ul	98
80) Fluoranthene	19.19	202	2936827	34.219 ng/ul	100
82) Pyrene	19.55	202	3021897	34.239 ng/ul	97
83) Butylbenzylphthalate	20.46	149	1061242	35.786 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.24	252	1155718	39.712 ng/ul	95
85) Benzo(a)anthracene	21.30	228	3393134	35.265 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.25	149	1526985	35.722 ng/ul	97
87) Chrysene	21.36	228	3263898	33.685 ng/ul	98
89) Di-n-octyl phthalate	22.13	149	3179724	38.885 ng/ul	100
90) Benzo(b)fluoranthene	22.91	252	3991187	35.982 ng/ul	97
91) Benzo(k)fluoranthene	22.95	252	4013619	36.318 ng/ul	99
93) Benzo(a)pyrene	23.49	252	3688601	36.745 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.88	276	5119414	37.221 ng/ul	98
95) Dibenzo(a,h)anthracene	25.90	278	4205053	36.943 ng/ul	98
96) Benzo(g,h,i)perylene	26.58	276	4426642	36.365 ng/ul#	93

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

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