Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052621\
Data File : BM030172.D
Acq On : 26 May 2021 15:39
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 26 16:11:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 15:30:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV017

Manual Integrations APPROVED
Sohil
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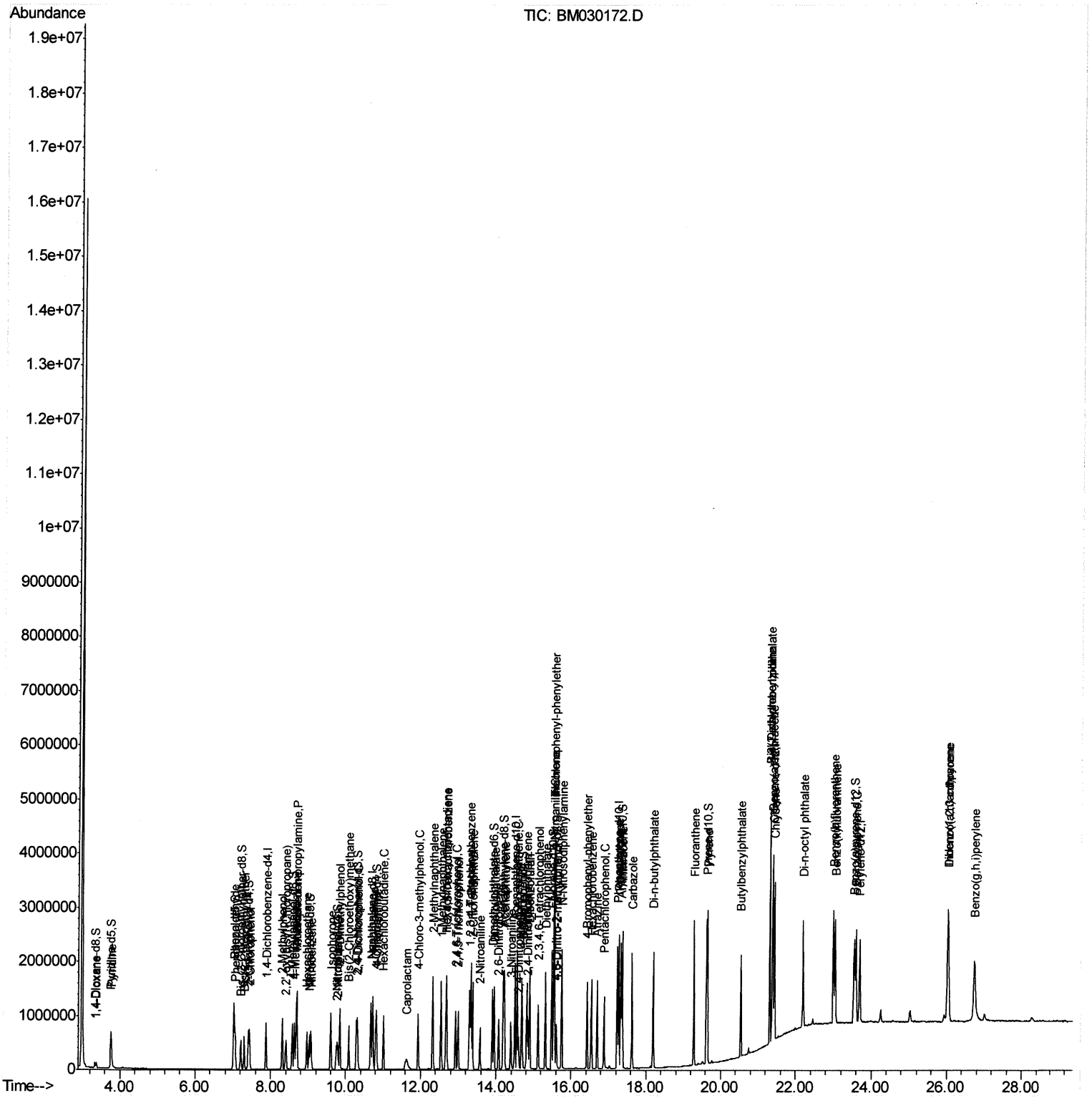

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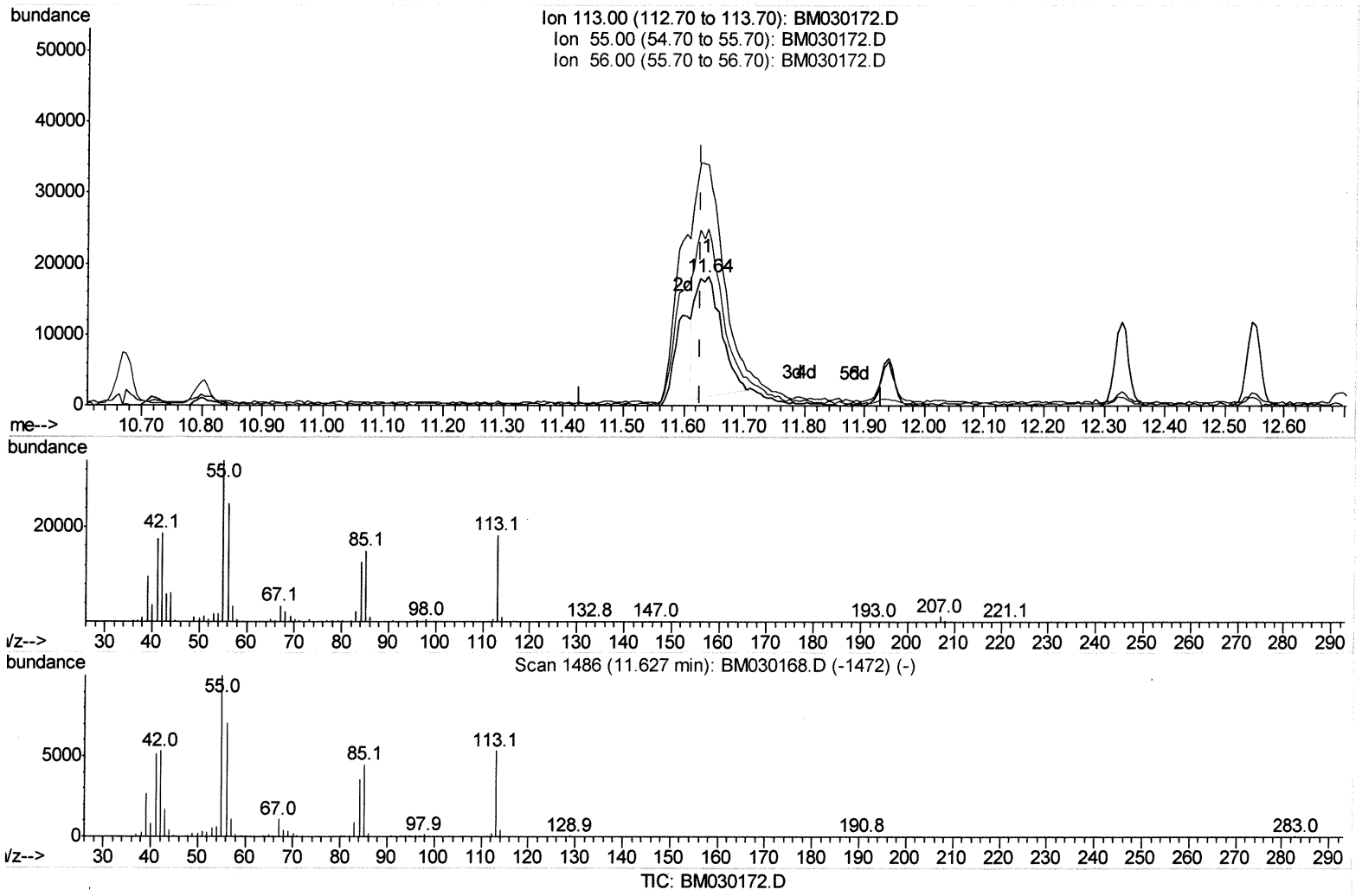

TIC: BM030172.D

(34) Caprolactam

11.639min (+0.012) 10.89ng/ul

response 52450

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	186.08
56.00	134.00	137.02
0.00	0.00	0.00

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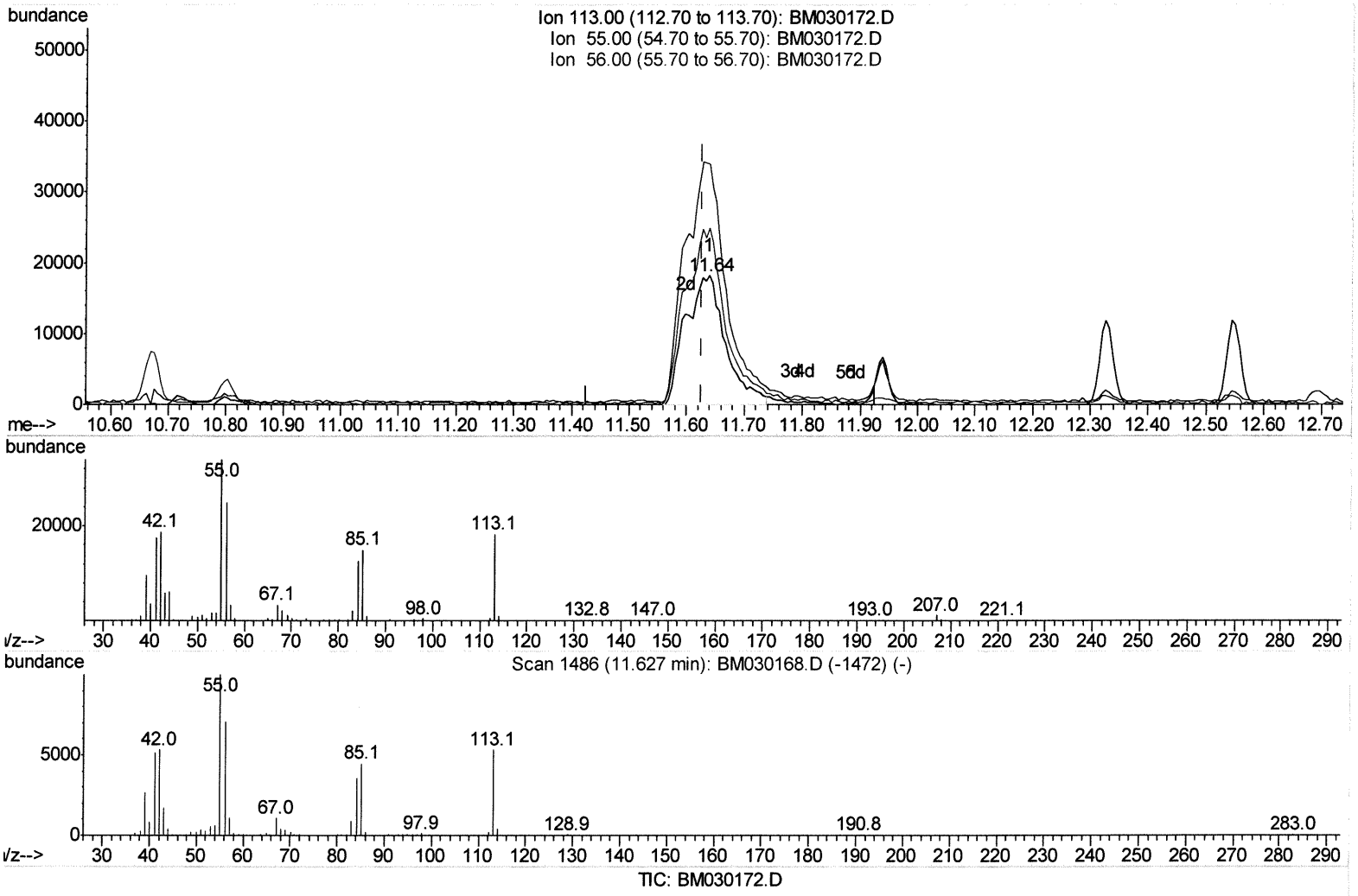

Scan 1486 (11.627 min): BM030168.D (-1472) (-)

TIC: BM030172.D

(34) Caprolactam

11.639min (+0.012) 18.34ng/ul m JCJ 5/28/21

response 88311

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	186.08
56.00	134.00	137.02
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	7.88	152	233714	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	1018508	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	683752	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1346706	20.00	ng/ul	0.00
79) Chrysene-d12	21.40	240	1153234	20.00	ng/ul	0.00
88) Perylene-d12	23.69	264	1060242	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	42370	7.42	ng/uL	0.00
4) Pyridine-d5	3.75	84	293102	18.31	ng/ul	0.00
7) Phenol-d5	7.03	99	387519	18.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.21	67	245119	18.90	ng/ul	0.00
11) 2-Chlorophenol-d4	7.41	132	309992	20.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	315517	19.34	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	141420	21.27	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	138995	21.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	330514	20.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	460592	18.98	ng/ul	0.00
46) Dimethylphthalate-d6	13.91	166	995126	19.04	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	1280974	19.01	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	158394	18.75	ng/ul	0.00
60) Fluorene-d10	15.49	176	852964	18.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	120507	18.46	ng/ul	0.00
73) Anthracene-d10	17.33	188	1279325	19.19	ng/ul	0.00
81) Pyrene-d10	19.62	212	1298603	21.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.54	264	1142643	19.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	46732	7.608	ng/uL	95
5) Pyridine	3.77	79	304050	18.494	ng/ul	95
6) Benzaldehyde	7.02	77	258421	23.568	ng/ul	96
8) Phenol	7.06	94	394424	18.894	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.30	93	321477	19.186	ng/ul	97
12) 2-Chlorophenol	7.44	128	313989	19.920	ng/ul	100
13) 2-Methylphenol	8.31	108	302815	19.185	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.40	45	518856	18.635	ng/ul	98
16) Acetophenone	8.70	105	515546	19.549	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.68	70	276575	19.881	ng/ul	98
18) 4-Methylphenol	8.63	108	329445	19.383	ng/ul	97
19) Hexachloroethane	8.96	117	128183	18.993	ng/ul	98
22) Nitrobenzene	9.07	77	364554	20.256	ng/ul	99
23) Isophorone	9.60	82	722084	19.028	ng/ul	99
25) 2-Nitrophenol	9.79	139	158166	22.124	ng/ul	99
26) 2,4-Dimethylphenol	9.84	107	367063	19.298	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.08	93	445407	19.149	ng/ul	97
29) 2,4-Dichlorophenol	10.32	162	317372	20.129	ng/ul	99
30) Naphthalene	10.72	128	1070841	19.163	ng/ul	100
32) 4-Chloroaniline	10.83	127	479013	19.070	ng/ul	98
33) Hexachlorobutadiene	11.01	225	209804	19.529	ng/ul	98
34) Caprolactam	11.64	113	88311m	18.339	ng/ul	98

JU 5/28/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.94	107	326175	19.735	ng/ul	98
36) 2-Methylnaphthalene	12.33	142	804544	19.255	ng/ul	98
37) 1-Methylnaphthalene	12.54	142	783931	19.299	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	431584	19.454	ng/ul	98
40) Hexachlorocyclopentadiene	12.68	237	281069	18.080	ng/ul	99
41) 2,4,6-Trichlorophenol	12.93	196	253604	20.367	ng/ul	98
42) 2,4,5-Trichlorophenol	13.00	196	276743	20.543	ng/ul	98
43) 1,1'-Biphenyl	13.34	154	1037105	19.019	ng/ul	99
44) 2-Chloronaphthalene	13.38	162	801462	19.119	ng/ul	99
45) 2-Nitroaniline	13.57	65	194263	20.175	ng/ul	93
47) Dimethylphthalate	13.96	163	985612	19.088	ng/ul	99
48) 2,6-Dinitrotoluene	14.07	165	174448	21.198	ng/ul	97
50) Acenaphthylene	14.22	152	1243123	19.104	ng/ul	100
51) 3-Nitroaniline	14.40	138	185088	19.298	ng/ul	98
52) Acenaphthene	14.56	153	862721	18.770	ng/ul	100
53) 2,4-Dinitrophenol	14.60	184	125525	24.296	ng/ul	95
55) 4-Nitrophenol	14.70	109	228574	24.645	ng/ul	97
56) Dibenzofuran	14.90	168	1198374	18.836	ng/ul	99
57) 2,4-Dinitrotoluene	14.86	165	249083	20.870	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.12	232	232448	20.434	ng/ul	99
59) Diethylphthalate	15.32	149	977755	18.694	ng/ul	100
61) Fluorene	15.54	166	1000921	18.544	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	499282	18.865	ng/ul	99
63) 4-Nitroaniline	15.56	138	194704	19.743	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.62	198	123676	18.364	ng/ul	100
67) N-Nitrosodiphenylamine	15.75	169	872250	19.858	ng/ul	100
68) 4-Bromophenyl-phenylether	16.43	248	302814	19.978	ng/ul	98
69) Hexachlorobenzene	16.54	284	338363	19.529	ng/ul	99
70) Atrazine	16.70	200	287449	18.244	ng/ul	100
71) Pentachlorophenol	16.88	266	231168	21.847	ng/ul	99
72) Phenanthrene	17.27	178	1500835	19.017	ng/ul	99
74) Anthracene	17.37	178	1550654	19.154	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	448660	20.419	ng/uL	99
76) Pentachlorobenzene	14.82	250	415479	20.385	ng/uL	99
77) Carbazole	17.63	167	1351231	18.419	ng/ul	100
78) Di-n-butylphthalate	18.20	149	1506685	18.490	ng/ul	100
80) Fluoranthene	19.28	202	1620942	21.451	ng/ul	99
82) Pyrene	19.64	202	1671935	21.169	ng/ul	99
83) Butylbenzylphthalate	20.53	149	538015	19.958	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.31	252	497376	20.370	ng/ul	100
85) Benzo(a)anthracene	21.38	228	1458703	19.198	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.31	149	806954	18.655	ng/ul	99
87) Chrysene	21.43	228	1420635	19.208	ng/ul	100
89) Di-n-octyl phthalate	22.20	149	1257583	18.447	ng/ul	100
90) Benzo(b)fluoranthene	23.00	252	1414862	19.914	ng/ul	98
91) Benzo(k)fluoranthene	23.04	252	1317819	18.808	ng/ul	99
93) Benzo(a)pyrene	23.59	252	1207751	19.258	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.03	276	1504746	19.156	ng/ul	100
95) Dibenzo(a,h)anthracene	26.04	278	1279351	19.480	ng/ul	98
96) Benzo(g,h,i)perylene	26.74	276	1259316	19.621	ng/ul	99

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

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