Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM073120\
Data File : BM026959.D
Acq On : 31 Jul 2020 15:37
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 31 16:20:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 12:26:02 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02020

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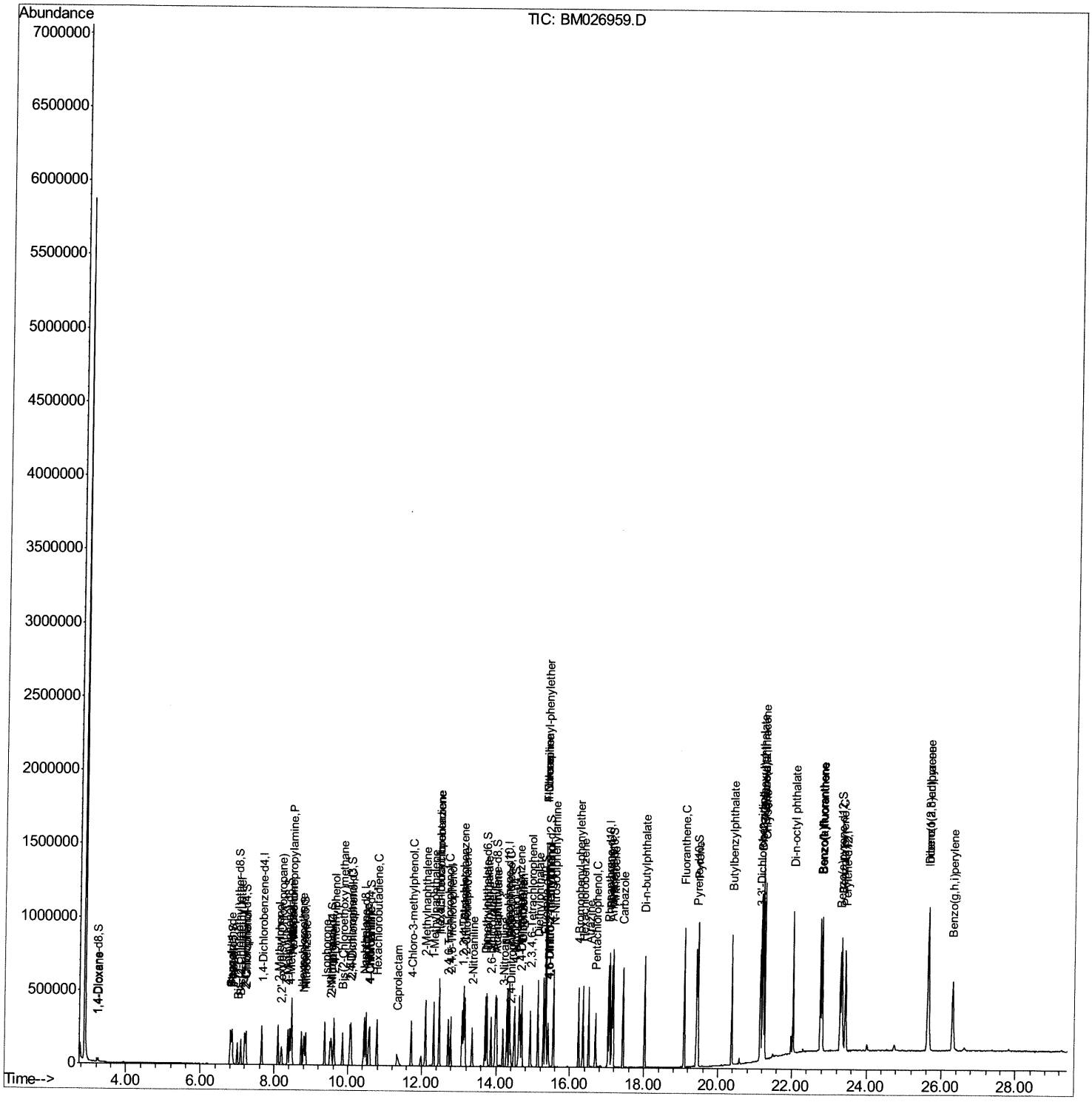

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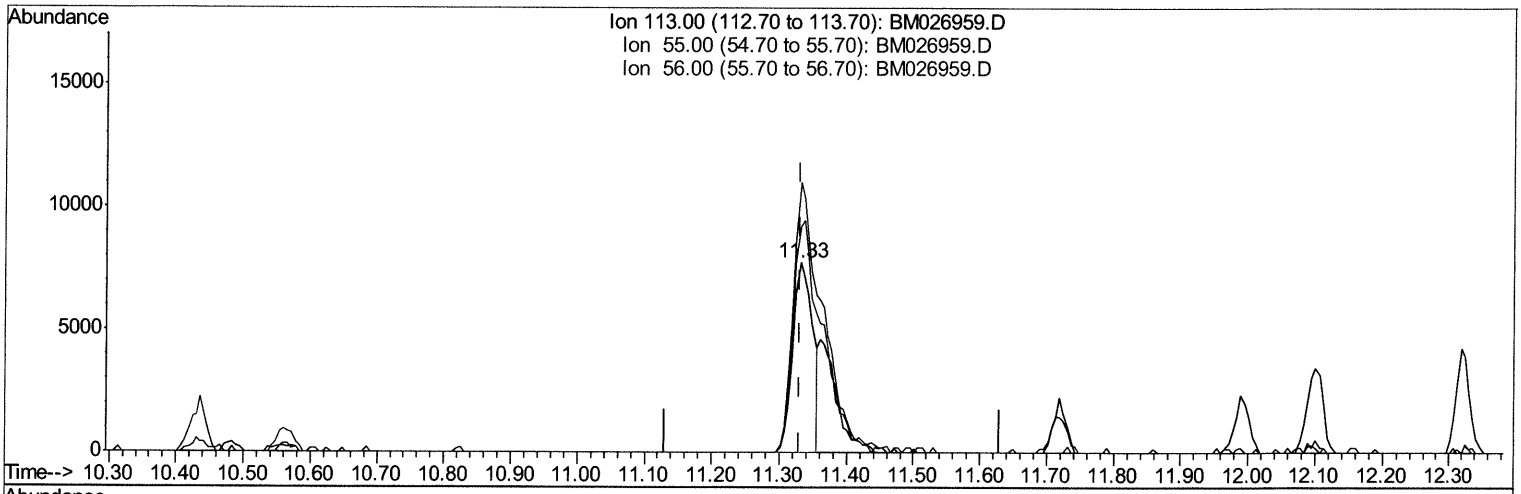

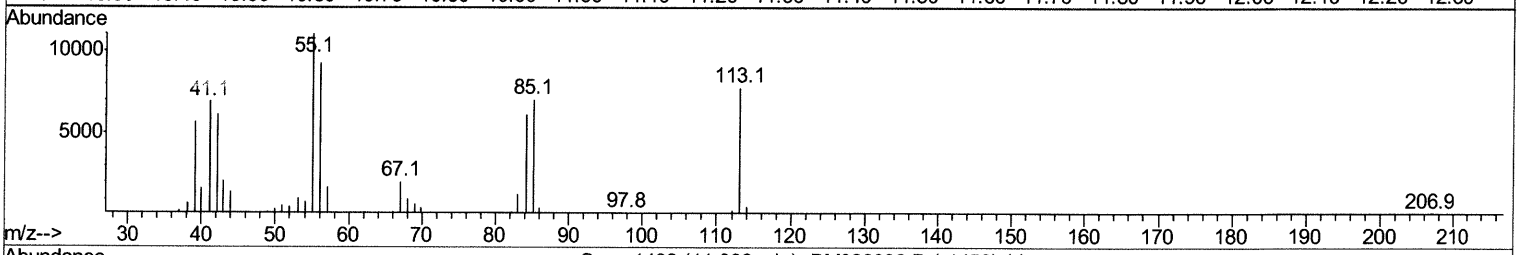

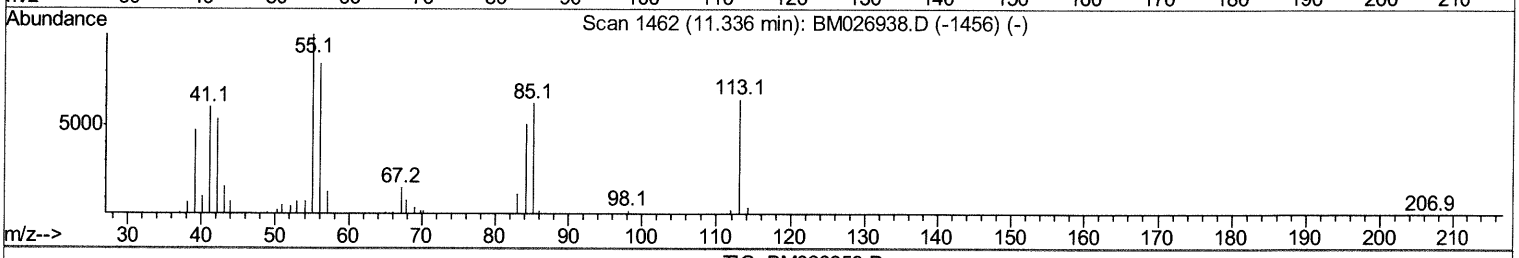

TIC: BM026959.D

(32) Caprolactam

11.330min (-0.000) 12.70ng/ul

response 15577

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	141.93
56.00	112.70	118.76
0.00	0.00	0.00

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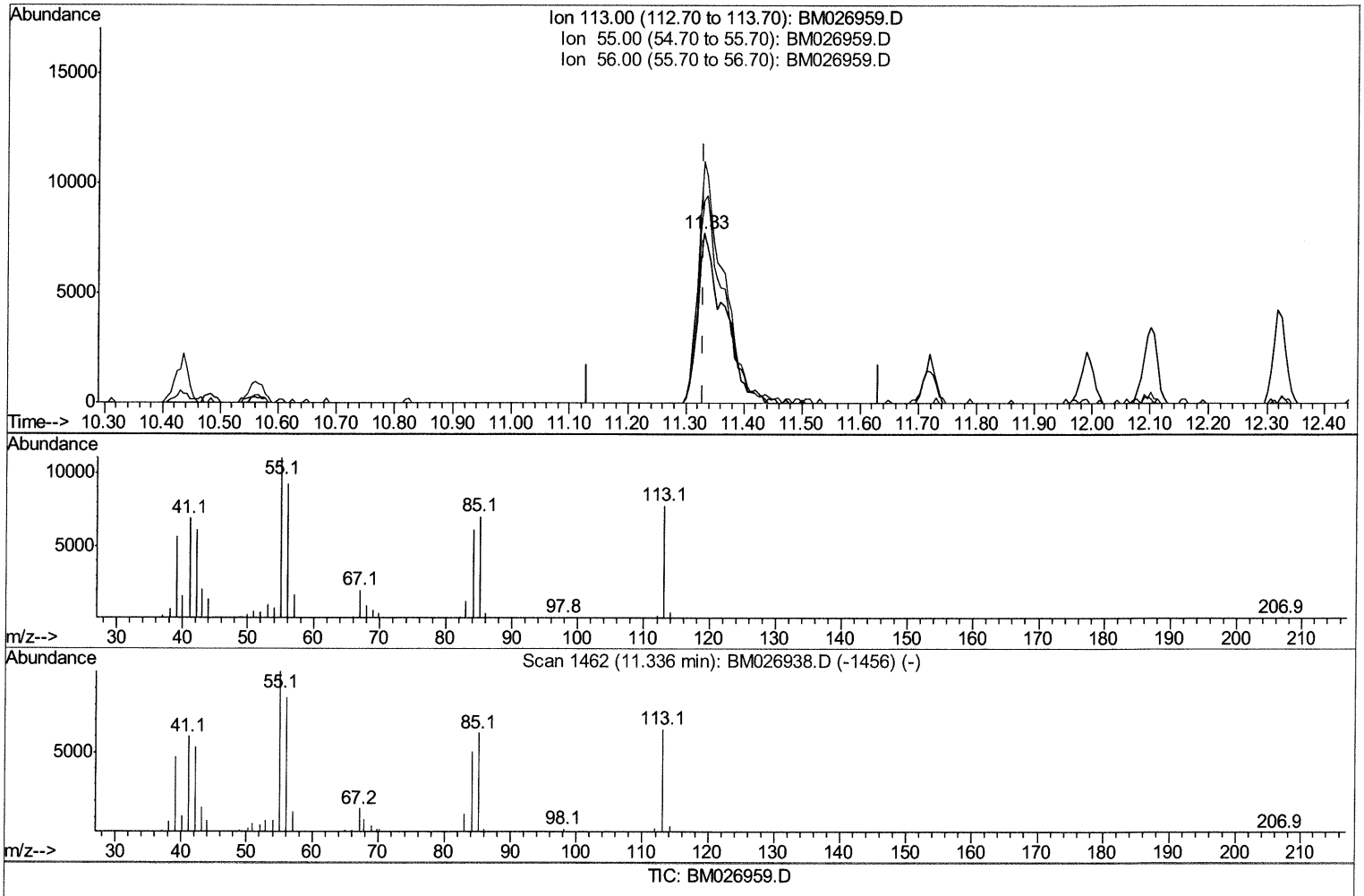

TIC: BM026959.D

(32) Caprolactam

11.330min (-0.000) 19.75ng/ul m 8/3/20 JU

response 24234

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	141.93
56.00	112.70	118.76
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	59763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	236936	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	163688	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	375965	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	424305	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	443889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10878	8.30	ng/uL	0.00
5) Phenol-d5	6.84	99	95542	18.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	67319	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	72671	18.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	73407	18.22	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	34997	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	35691	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	80942	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	91346	18.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	253926	19.78	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	301049	18.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	45944	21.16	ng/ul	0.00
58) Fluorene-d10	15.29	176	223824	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	34074	20.33	ng/ul	0.00
71) Anthracene-d10	17.13	188	355928	18.94	ng/ul	0.00
79) Pyrene-d10	19.42	212	397548	17.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	470424	18.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	13970	8.581	ng/uL	98
4) Benzaldehyde	6.81	77	78714	18.454	ng/ul	98
6) Phenol	6.86	94	101825	18.175	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.09	93	81009	18.272	ng/ul	98
10) 2-Chlorophenol	7.23	128	76147	18.719	ng/ul	97
11) 2-Methylphenol	8.10	108	71781	17.908	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	66744	17.000	ng/ul	96
14) Acetophenone	8.47	105	130130	19.469	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.46	70	78529	19.452	ng/ul	97
16) 4-Methylphenol	8.42	108	79300	18.565	ng/ul	95
17) Hexachloroethane	8.74	117	38153	19.679	ng/ul	97
20) Nitrobenzene	8.84	77	118509	19.849	ng/ul	98
21) Isophorone	9.37	82	197658	18.778	ng/ul	100
23) 2-Nitrophenol	9.55	139	40427	20.976	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	97081	19.283	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	110850	18.903	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	79348	20.196	ng/ul	96
28) Naphthalene	10.48	128	249292	18.833	ng/ul	99
30) 4-Chloroaniline	10.58	127	92637	19.099	ng/ul	94
31) Hexachlorobutadiene	10.78	225	58225	20.986	ng/ul	98
32) Caprolactam	11.33	113	24234m >	19.752	ng/ul >	8/3/20 JU
33) 4-Chloro-3-methylphenol	11.72	107	88528	20.209	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	185105	19.780	ng/ul	98

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	180175	19.705 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	104739	18.721 ng/ul	97
38) Hexachlorocyclopentadiene	12.47	237	66678	17.577 ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	63617	19.843 ng/ul	94
40) 2,4,5-Trichlorophenol	12.78	196	70979	20.720 ng/ul	94
41) 1,1'-Biphenyl	13.12	154	252084	18.429 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	203726	18.510 ng/ul	98
43) 2-Nitroaniline	13.36	65	69931	21.364 ng/ul	93
45) Dimethylphthalate	13.75	163	268037	19.898 ng/ul	97
46) 2,6-Dinitrotoluene	13.86	165	50164	21.123 ng/ul	92
48) Acenaphthylene	14.01	152	303285	18.275 ng/ul	98
49) 3-Nitroaniline	14.18	138	46991	20.243 ng/ul	100
50) Acenaphthene	14.35	153	217012	18.981 ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	22056	23.193 ng/ul#	83
53) 4-Nitrophenol	14.49	109	54882	25.234 ng/ul#	80
54) Dibenzofuran	14.69	168	310484	19.591 ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	76136	22.313 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.92	232	62132	23.119 ng/ul	97
57) Diethylphthalate	15.13	149	280263	20.749 ng/ul	99
59) Fluorene	15.34	166	268338	20.106 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.34	204	135600	20.415 ng/ul	98
61) 4-Nitroaniline	15.35	138	59647	20.964 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.41	198	37127	19.495 ng/ul	93
65) N-Nitrosodiphenylamine	15.55	169	223755	18.193 ng/ul	98
66) 4-Bromophenyl-phenylether	16.24	248	82711	18.753 ng/ul	94
67) Hexachlorobenzene	16.35	284	96425	19.278 ng/ul	98
68) Atrazine	16.51	200	85041	18.837 ng/ul	97
69) Pentachlorophenol	16.69	266	52297	21.013 ng/ul	99
70) Phenanthrene	17.08	178	432914	18.970 ng/ul	99
72) Anthracene	17.17	178	444674	18.957 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	99745	16.887 ng/uL	99
74) Pentachlorobenzene	14.62	250	104369	18.225 ng/uL	100
75) Carbazole	17.43	167	389028	18.761 ng/ul	98
76) Di-n-butylphthalate	18.02	149	486186	19.932 ng/ul	98
77) Fluoranthene	19.09	202	518143	19.229 ng/ul	97
80) Pyrene	19.45	202	542245	17.565 ng/ul	98
81) Butylbenzylphthalate	20.38	149	220000	19.166 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.14	252	175285	17.473 ng/ul	99
83) Benzo(a)anthracene	21.21	228	552219	18.882 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	336145	19.532 ng/ul	99
85) Chrysene	21.26	228	537004	18.829 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	569149	17.450 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	585809	18.448 ng/ul	100
89) Benzo(k)fluoranthene	22.82	252	568829	18.668 ng/ul	98
91) Benzo(a)pyrene	23.34	252	538822	18.805 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	675285	18.997 ng/ul	98
93) Dibenzo(a,h)anthracene	25.65	278	571043	18.994 ng/ul	97
94) Benzo(g,h,i)perylene	26.31	276	556757	18.942 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