Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011520\
Data File : BM024480.D
Acq On : 15 Jan 2020 19:21
Operator : JU
Sample : SSTD02001
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 01:23:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 16 01:05:53 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
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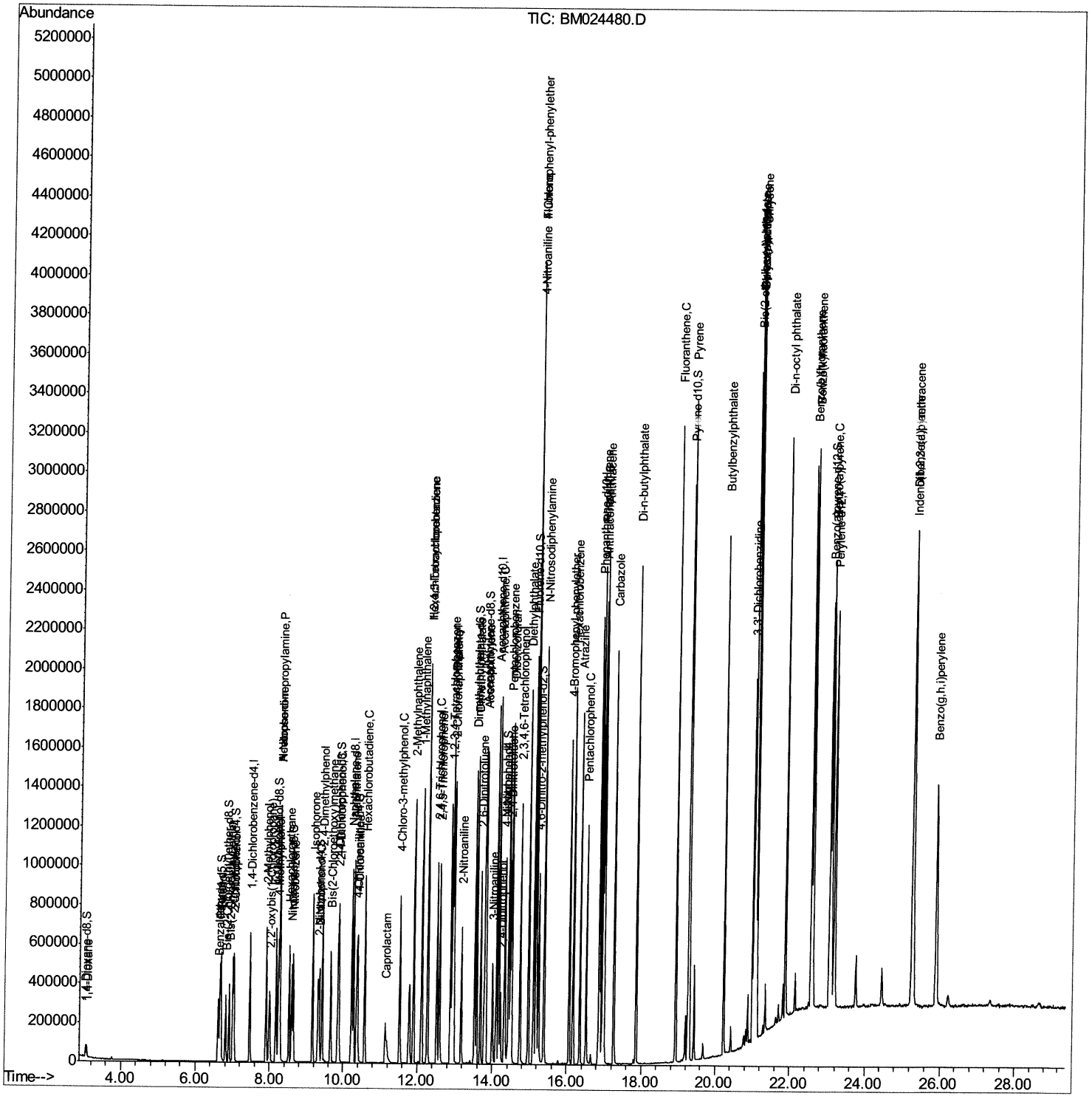

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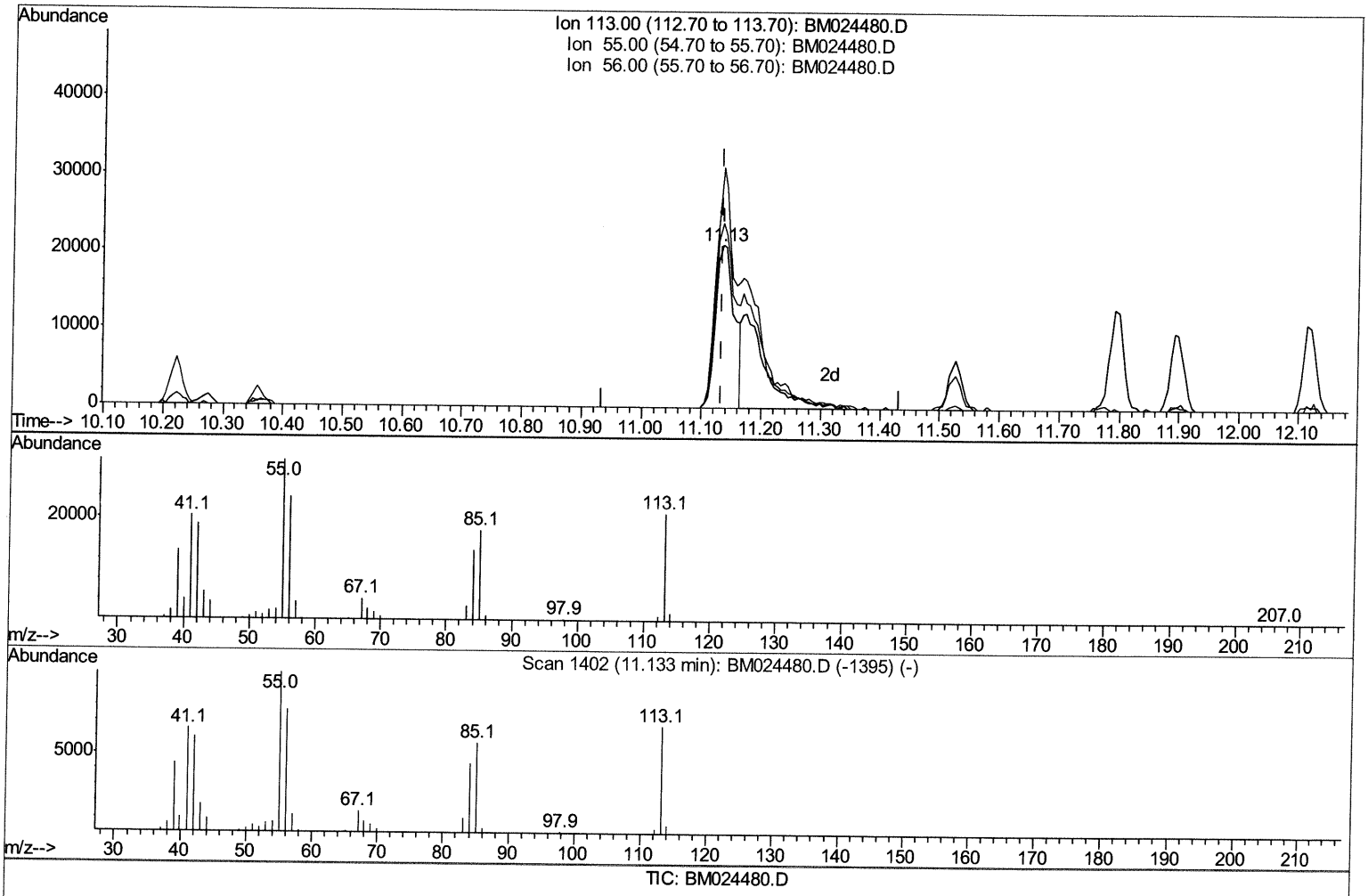

(32) Caprolactam

11.133min (0.000) 12.82ng/ul

response 45749

Ion	Exp%	Act%
113.00	100	100
55.00	147.90	147.93
56.00	113.50	113.51
0.00	0.00	0.00

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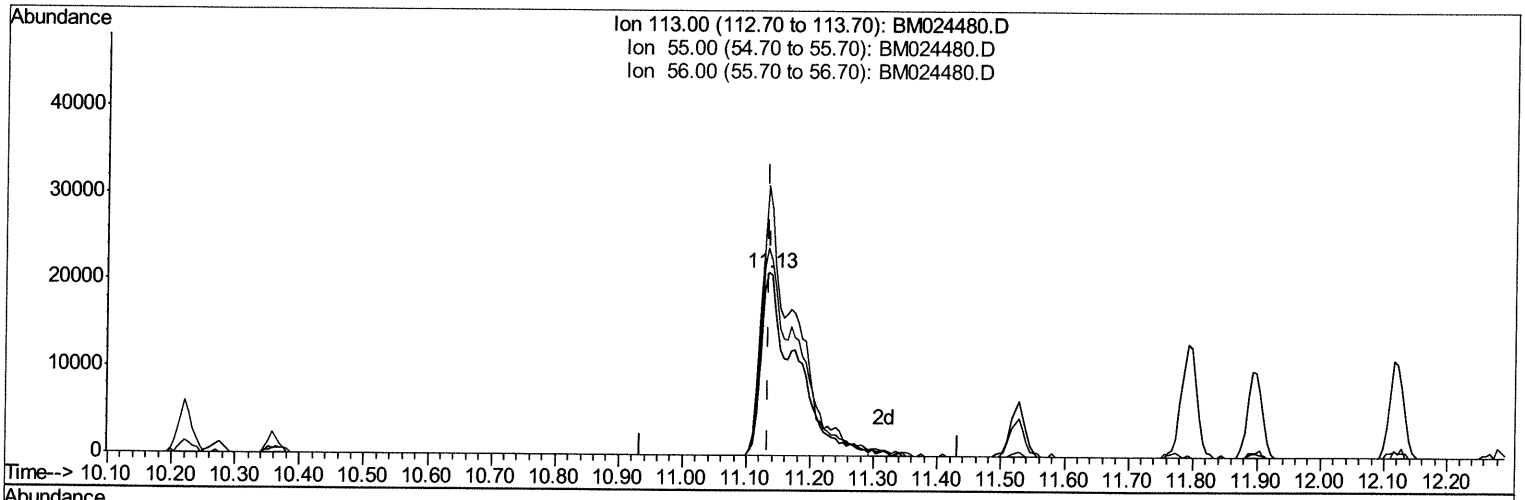

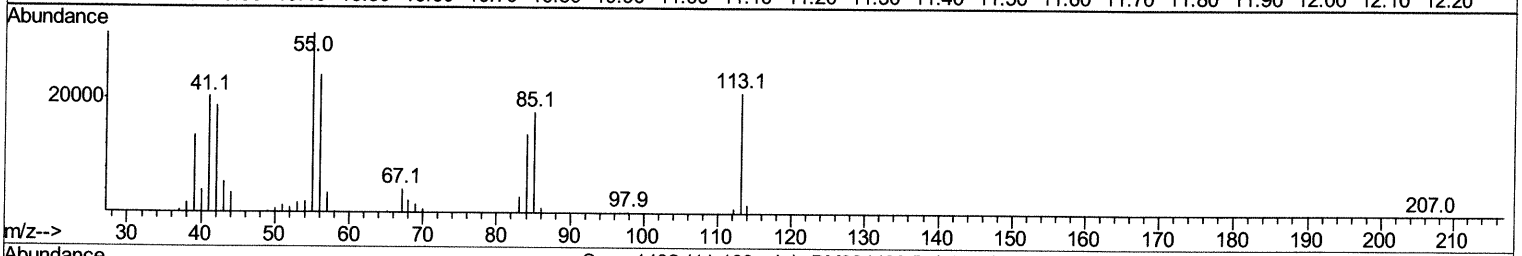

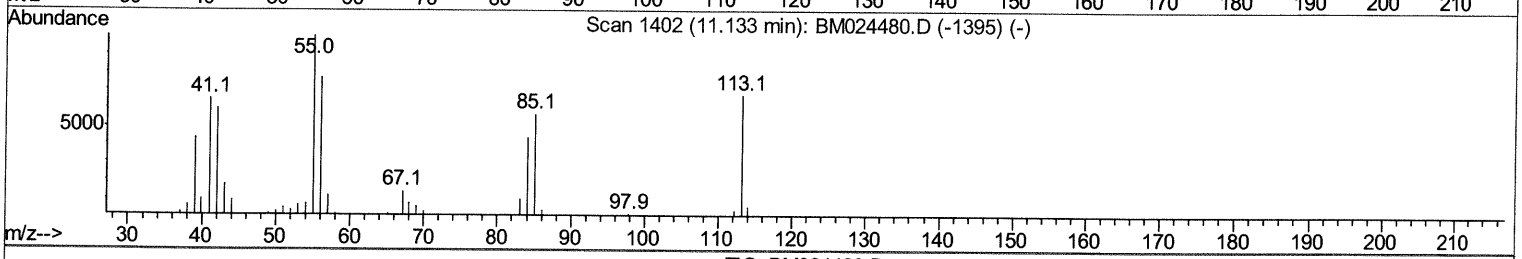

TIC: BM024480.D

(32) Caprolactam

11.133min (0.000) 22.10ng/ul m 01/16/20 JU

response 78909

Ion	Exp%	Act%
113.00	100	100
55.00	147.90	147.93
56.00	113.50	113.51
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	7.46	152	170052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	777289	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	599275	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1407622	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1429158	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1439516	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	28417	7.21	ng/uL	0.00
5) Phenol-d5	6.65	99	236784	17.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	139436	17.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	219627	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	227117	21.29	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	110070	18.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	119780	21.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	274010	22.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	270066	19.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	948548	22.04	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1088751	19.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	149588	19.71	ng/ul	0.00
58) Fluorene-d10	15.11	176	828670	21.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	139012	22.04	ng/ul	0.00
71) Anthracene-d10	16.96	188	1325352	20.10	ng/ul	0.00
79) Pyrene-d10	19.26	212	1526525	19.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1489250	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29119	7.348	ng/uL	100
4) Benzaldehyde	6.62	77	100938	13.745	ng/ul	100
6) Phenol	6.68	94	243217	17.972	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.90	93	197989	18.668	ng/ul	100
10) 2-Chlorophenol	7.03	128	217976	19.481	ng/ul	100
11) 2-Methylphenol	7.91	108	201228	19.767	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	241252	16.910	ng/ul	100
14) Acetophenone	8.27	105	356434	21.727	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.27	70	177471	21.389	ng/ul	100
16) 4-Methylphenol	8.23	108	224531	20.603	ng/ul	100
17) Hexachloroethane	8.53	117	97207	19.927	ng/ul	100
20) Nitrobenzene	8.64	77	269703	18.835	ng/ul	100
21) Isophorone	9.17	82	528504	20.222	ng/ul	100
23) 2-Nitrophenol	9.35	139	132431	21.501	ng/ul	100
24) 2,4-Dimethylphenol	9.43	107	285561	20.373	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.66	93	304304	19.441	ng/ul	100
27) 2,4-Dichlorophenol	9.88	162	264522	22.539	ng/ul	100
28) Naphthalene	10.27	128	802680	19.978	ng/ul	100
30) 4-Chloroaniline	10.39	127	267081	19.742	ng/ul	100
31) Hexachlorobutadiene	10.58	225	206489	24.236	ng/ul	100
32) Caprolactam	11.13	113	78909m >	22.105	ng/ul >	01/16/20 JU
33) 4-Chloro-3-methylphenol	11.53	107	278030	22.667	ng/ul	100
34) 2-Methylnaphthalene	11.90	142	623602	22.405	ng/ul	100

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	630786	22.648	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	393641	20.020	ng/ul	100
38) Hexachlorocyclopentadiene	12.27	237	266698	18.528	ng/ul	100
39) 2,4,6-Trichlorophenol	12.53	196	246112	21.147	ng/ul	100
40) 2,4,5-Trichlorophenol	12.59	196	261525	20.905	ng/ul	100
41) 1,1'-Biphenyl	12.93	154	868428	18.889	ng/ul	100
42) 2-Chloronaphthalene	12.97	162	702987	19.078	ng/ul	100
43) 2-Nitroaniline	13.17	65	165975	18.564	ng/ul	100
45) Dimethylphthalate	13.58	163	957605	21.680	ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	183795	23.199	ng/ul	100
48) Acenaphthylene	13.83	152	1103283	19.264	ng/ul	100
49) 3-Nitroaniline	14.01	138	123708	16.822	ng/ul	100
50) Acenaphthene	14.17	153	742263	19.493	ng/ul	100
51) 2,4-Dinitrophenol	14.22	184	77937	22.898	ng/ul	100
53) 4-Nitrophenol	14.34	109	144790	21.871	ng/ul	100
54) Dibenzofuran	14.52	168	1095692	20.840	ng/ul	100
55) 2,4-Dinitrotoluene	14.48	165	275650	25.080	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.74	232	255055	25.499	ng/ul	100
57) Diethylphthalate	14.97	149	989513	22.783	ng/ul	100
59) Fluorene	15.17	166	920100	21.188	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.17	204	523915	23.130	ng/ul	100
61) 4-Nitroaniline	15.18	138	145431	16.563	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.24	198	151072	21.866	ng/ul	100
65) N-Nitrosodiphenylamine	15.39	169	787181	18.809	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	331453	20.924	ng/ul	100
67) Hexachlorobenzene	16.17	284	381438	20.720	ng/ul	100
68) Atrazine	16.35	200	324633	20.869	ng/ul	100
69) Pentachlorophenol	16.52	266	214233	21.413	ng/ul	100
70) Phenanthrene	16.90	178	1529408	19.922	ng/ul	100
72) Anthracene	16.99	178	1539119	19.566	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	402867	18.007	ng/uL	100
74) Pentachlorobenzene	14.44	250	424849	19.719	ng/uL	100
75) Carbazole	17.26	167	1291656	19.023	ng/ul	100
76) Di-n-butylphthalate	17.86	149	1684081	21.174	ng/ul	100
77) Fluoranthene	18.93	202	1898981	21.267	ng/ul	100
80) Pyrene	19.29	202	1962092	19.855	ng/ul	100
81) Butylbenzylphthalate	20.23	149	711414	20.002	ng/ul	100
82) 3,3'-Dichlorobenzidine	20.99	252	526894	15.997	ng/ul	100
83) Benzo(a)anthracene	21.05	228	1968626	20.216	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	1134146	20.959	ng/ul	100
85) Chrysene	21.10	228	1892120	20.140	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	1818950	22.747	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1874152	21.324	ng/ul	100
89) Benzo(k)fluoranthene	22.61	252	1849497	21.465	ng/ul	100
91) Benzo(a)pyrene	23.10	252	1645879	20.200	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.26	276	1733546	16.511	ng/ul	100
93) Dibenzo(a,h)anthracene	25.28	278	1481486	16.641	ng/ul	100
94) Benzo(g,h,i)perylene	25.89	276	1373116	15.596	ng/ul	100

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

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