Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

Quantitation Report (QT Reviewed)

Data File : BM024202.D
Acq On : 20 Dec 2019 14:16
Operator : JU
Sample : K4649-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 21 00:48:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A5167MS

Manual Integrations APPROVED
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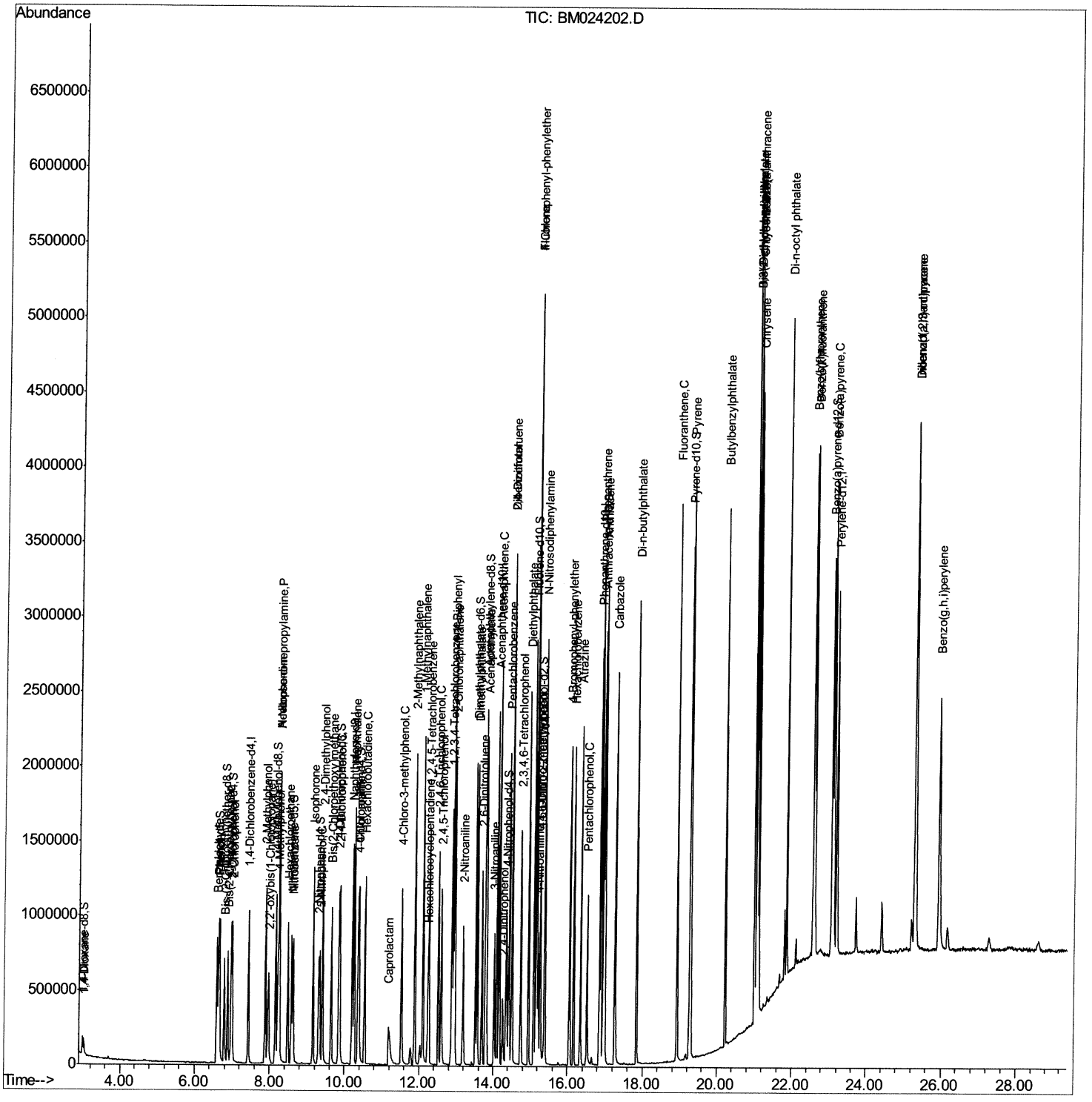

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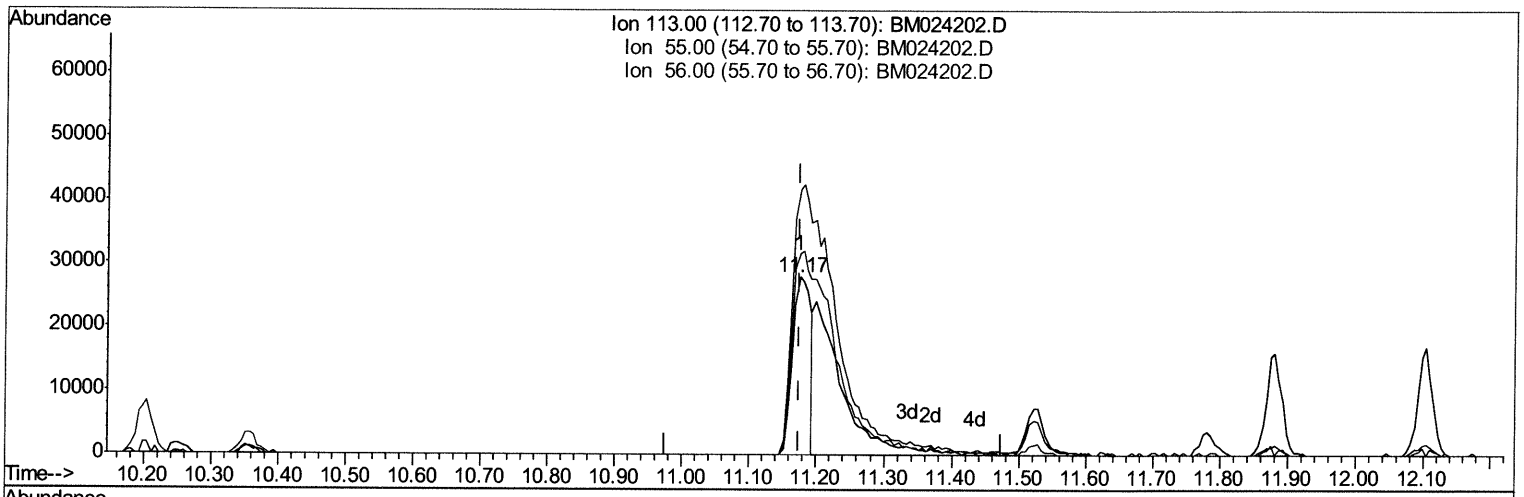

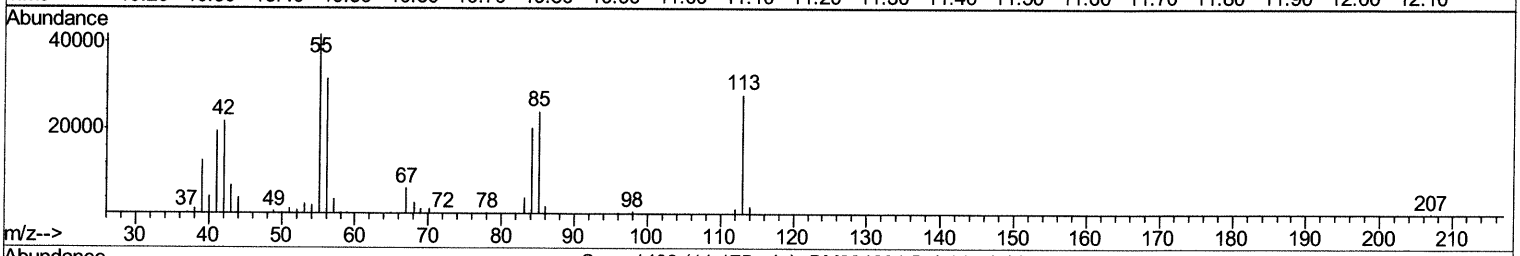

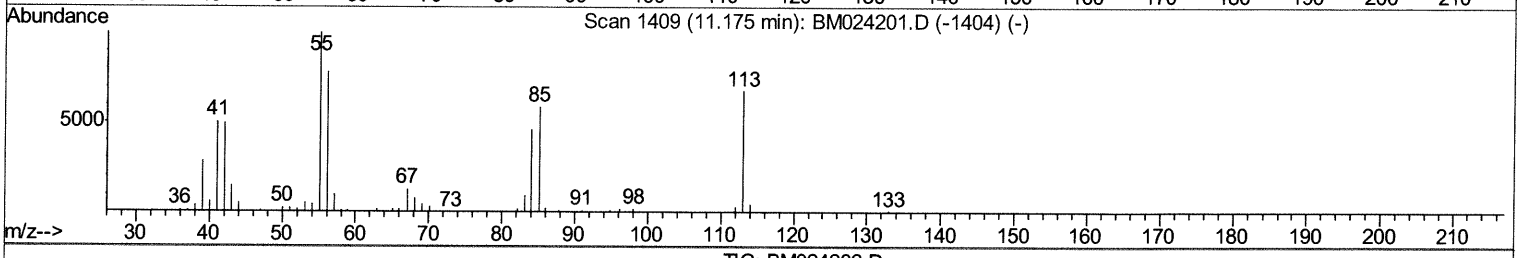

TIC: BM024202.D

(32) Caprolactam

11.175min (+0.000) 7.86ng/ul

response 52384

Ion	Exp%	Act%
113.00	100	100
55.00	151.30	149.33
56.00	121.00	113.21
0.00	0.00	0.00

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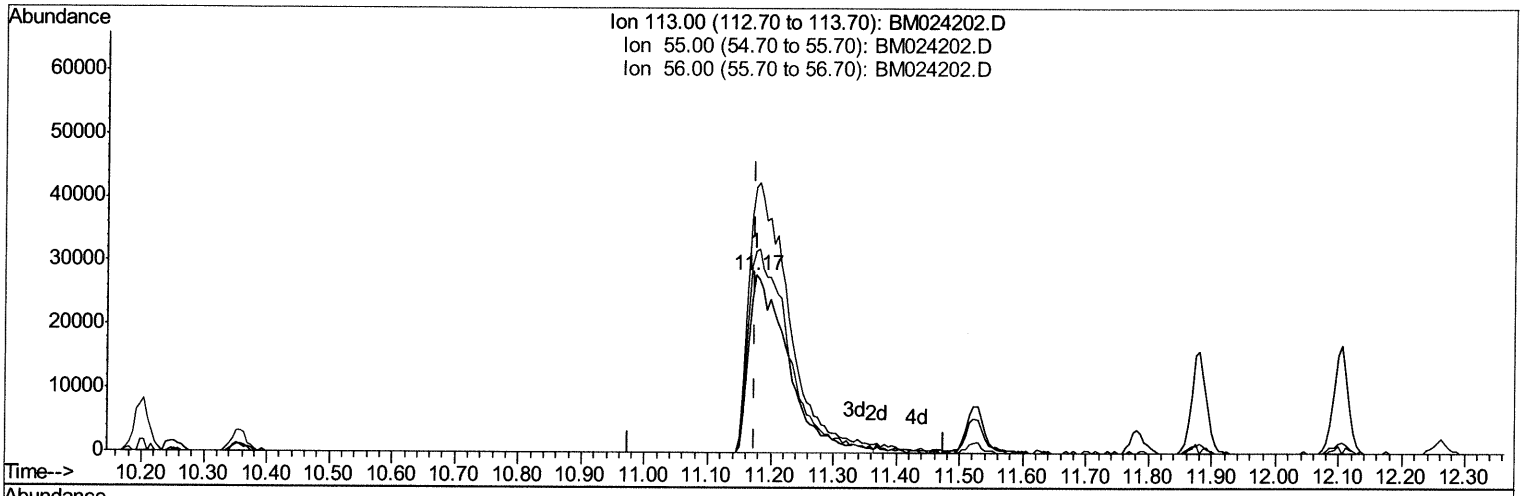

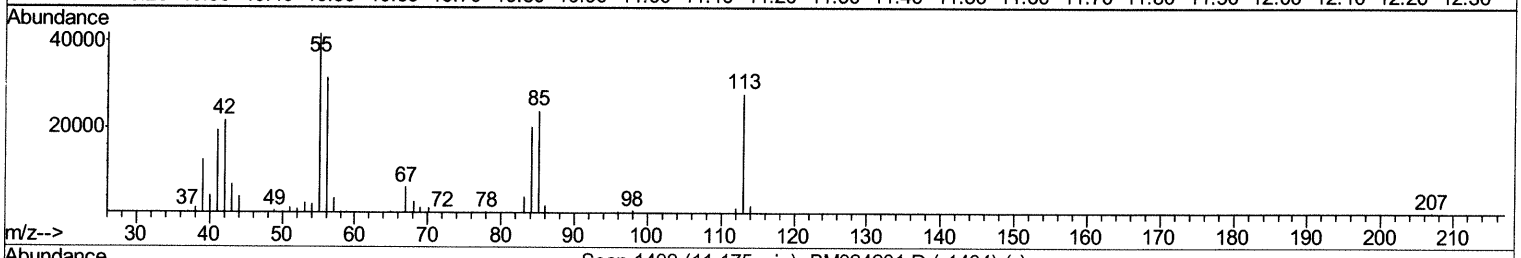

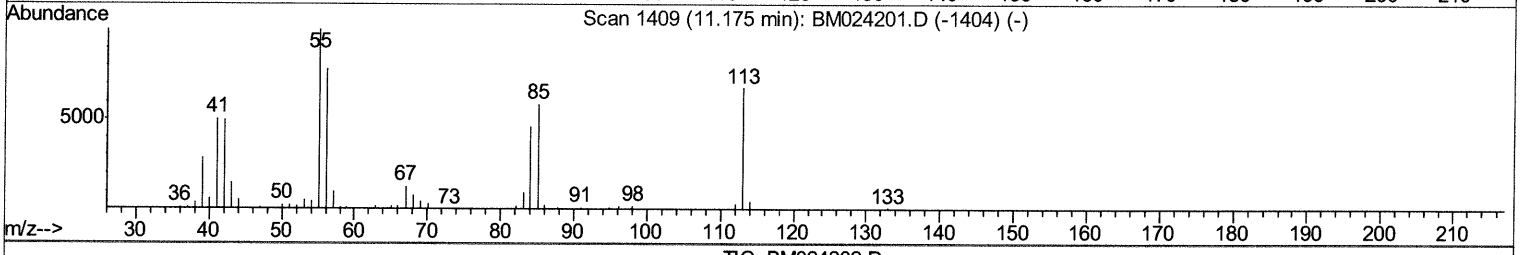

TIC: BM024202.D

(32) Caprolactam

11.175min (+0.000) 18.15ng/ul m JU 12/23/19

response 120959

Ion	Exp%	Act%
113.00	100	100
55.00	151.30	149.33
56.00	121.00	113.21
0.00	0.00	0.00

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Manual Integrations APPROVED
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12/23/2019 11:55:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	265984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1173164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	742870	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1501647	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1403118	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1549915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	55683	9.25	ng/uL	0.00
5) Phenol-d5	6.63	99	504182	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	337393	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	391417	21.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	411803	20.00	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	189517	22.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	212670	22.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	411111	22.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	515015	23.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1258459	22.91	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1464132	22.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	178278	18.08	ng/ul	0.00
58) Fluorene-d10	15.10	176	1047909	21.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	186754	20.39	ng/ul	0.00
71) Anthracene-d10	16.96	188	1565608	22.91	ng/ul	0.00
79) Pyrene-d10	19.26	212	1619935	24.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1792627	23.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	59069	8.857	ng/uL	90
4) Benzaldehyde	6.59	77	345479	21.219	ng/ul	99
6) Phenol	6.66	94	524215	20.157	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.88	93	431410	21.409	ng/ul	99
10) 2-Chlorophenol	7.00	128	405829	22.029	ng/ul	98
11) 2-Methylphenol	7.89	108	385335	19.928	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	532822	22.958	ng/ul	99
14) Acetophenone	8.26	105	656099	21.133	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	377739	22.024	ng/ul	98
16) 4-Methylphenol	8.22	108	431499	20.100	ng/ul	99
17) Hexachloroethane	8.49	117	174973	23.011	ng/ul	95
20) Nitrobenzene	8.63	77	514544	21.959	ng/ul	99
21) Isophorone	9.16	82	977385	22.316	ng/ul	100
23) 2-Nitrophenol	9.33	139	231098	22.647	ng/ul	92
24) 2,4-Dimethylphenol	9.41	107	495261	22.499	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	616673	22.664	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	394827	22.388	ng/ul	99
28) Naphthalene	10.25	128	1342018	21.830	ng/ul	100
30) 4-Chloroaniline	10.38	127	529811	23.986	ng/ul	99
31) Hexachlorobutadiene	10.54	225	251574	23.075	ng/ul	99
32) Caprolactam	11.17	113	120959m ?	18.151	ng/ul ?	
33) 4-Chloro-3-methylphenol	11.52	107	451961	21.357	ng/ul	96
34) 2-Methylnaphthalene	11.88	142	973762	22.160	ng/ul	100

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Manual Integrations APPROVED
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12/23/2019 11:55:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	967624	21.574	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	474883	23.648	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	133159	14.716	ng/ul	95
39) 2,4,6-Trichlorophenol	12.52	196	308201	23.206	ng/ul	97
40) 2,4,5-Trichlorophenol	12.60	196	323148	22.571	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	1288909	23.244	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	971310	22.295	ng/ul	99
43) 2-Nitroaniline	13.18	65	284607	22.281	ng/ul	94
45) Dimethylphthalate	13.57	163	1235630	21.643	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	242829	21.592	ng/ul	97
48) Acenaphthylene	13.82	152	1479372	21.169	ng/ul	99
49) 3-Nitroaniline	14.02	138	227335	21.299	ng/ul	95
50) Acenaphthene	14.16	153	1045572	21.760	ng/ul	100
51) 2,4-Dinitrophenol	14.26	184	105660	16.719	ng/ul	96
53) 4-Nitrophenol	14.36	109	146233	18.593	ng/ul	99
54) Dibenzofuran	14.50	168	1480952	22.170	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	356051	20.964	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.74	232	284042	21.945	ng/ul	95
57) Diethylphthalate	14.95	149	1297191	22.348	ng/ul	100
59) Fluorene	15.16	166	1202105	21.310	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	594600	21.676	ng/ul	99
61) 4-Nitroaniline	15.20	138	198319	16.828	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.27	198	199243	20.364	ng/ul	99
65) N-Nitrosodiphenylamine	15.38	169	1043855	23.908	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	385372	24.144	ng/ul	98
67) Hexachlorobenzene	16.17	284	447508	22.897	ng/ul	97
68) Atrazine	16.35	200	359398	22.144	ng/ul	99
69) Pentachlorophenol	16.52	266	207451	20.256	ng/ul	98
70) Phenanthrene	16.90	178	1857452	22.094	ng/ul	99
72) Anthracene	16.99	178	1890825	22.372	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	475248	25.217	ng/uL	98
74) Pentachlorobenzene	14.43	250	508313	24.490	ng/uL	97
75) Carbazole	17.27	167	1622711	22.350	ng/ul	99
76) Di-n-butylphthalate	17.85	149	2156469	24.766	ng/ul	99
77) Fluoranthene	18.93	202	2045265	22.321	ng/ul	99
80) Pyrene	19.29	202	2102268	22.950	ng/ul	99
81) Butylbenzylphthalate	20.22	149	945084	26.189	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	716002	22.987	ng/ul	100
83) Benzo(a)anthracene	21.06	228	2056829	23.008	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1494884	27.797	ng/ul	100
85) Chrysene	21.10	228	1930368	22.030	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2420172	28.900	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2165217	23.348	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	2021908	22.220	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2017587	24.049	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2385411	23.679	ng/ul	100
93) Dibenzo(a,h)anthracene	25.31	278	2010677	23.807	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1983454	24.115	ng/ul	98

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

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