Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123119\

Quantitation Report (QT Reviewed)

Data File : BM024411.D
Acq On : 01 Jan 2020 00:16
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 01 06:39:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 01 04:44:04 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02010

Manual Integrations APPROVED
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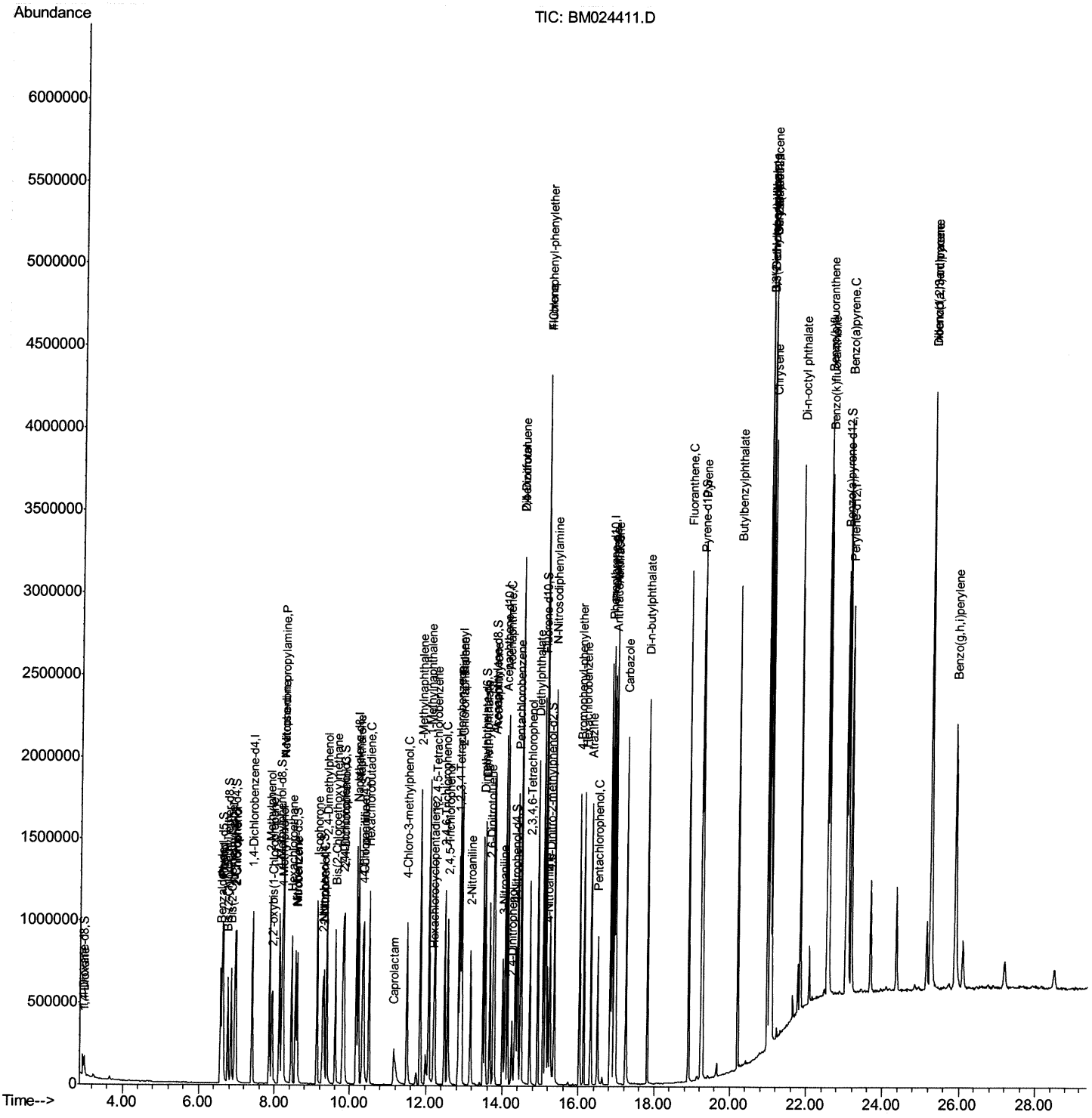

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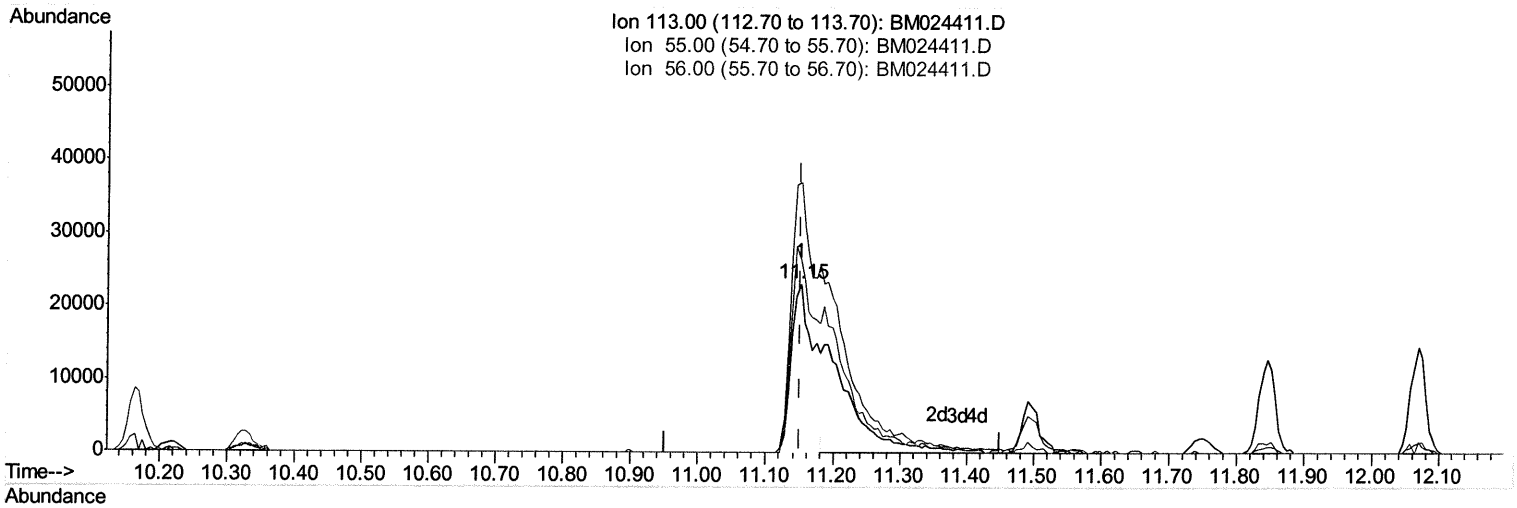

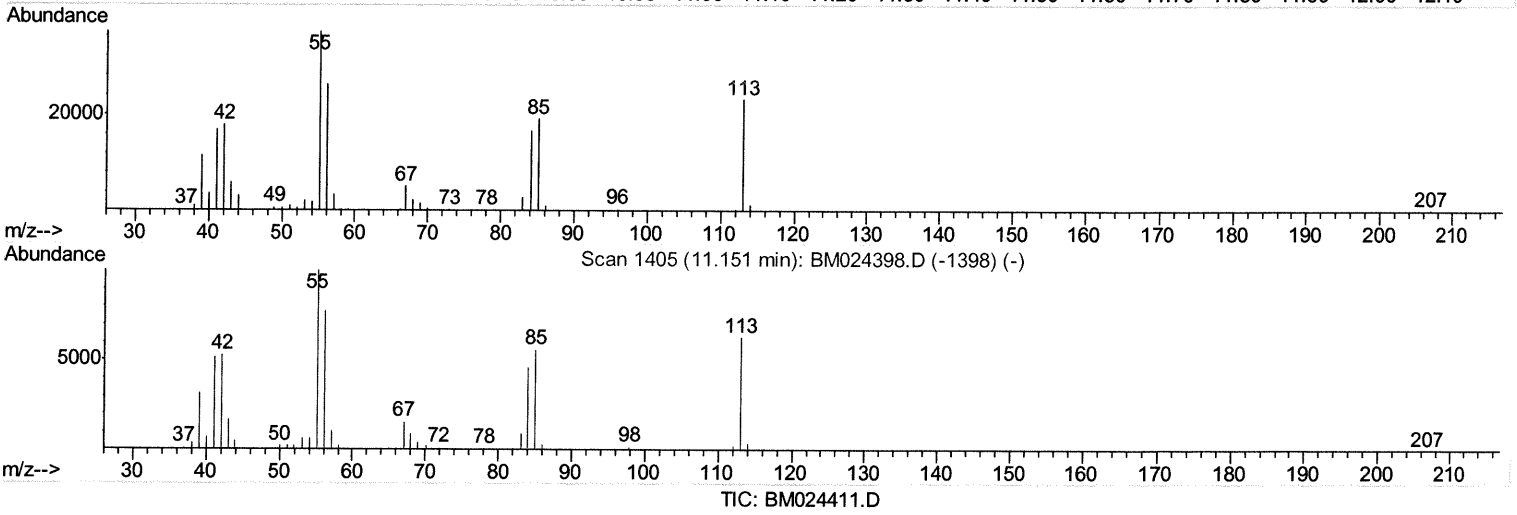

Scan 1405 (11.151 min): BM024398.D (-1398) (-)

TIC: BM024411.D

(32) Caprolactam

11.151min (+0.000) 8.30ng/ul

response 52423

Ion	Exp%	Act%
113.00	100	100
55.00	151.30	160.42
56.00	121.00	113.60
0.00	0.00	0.00

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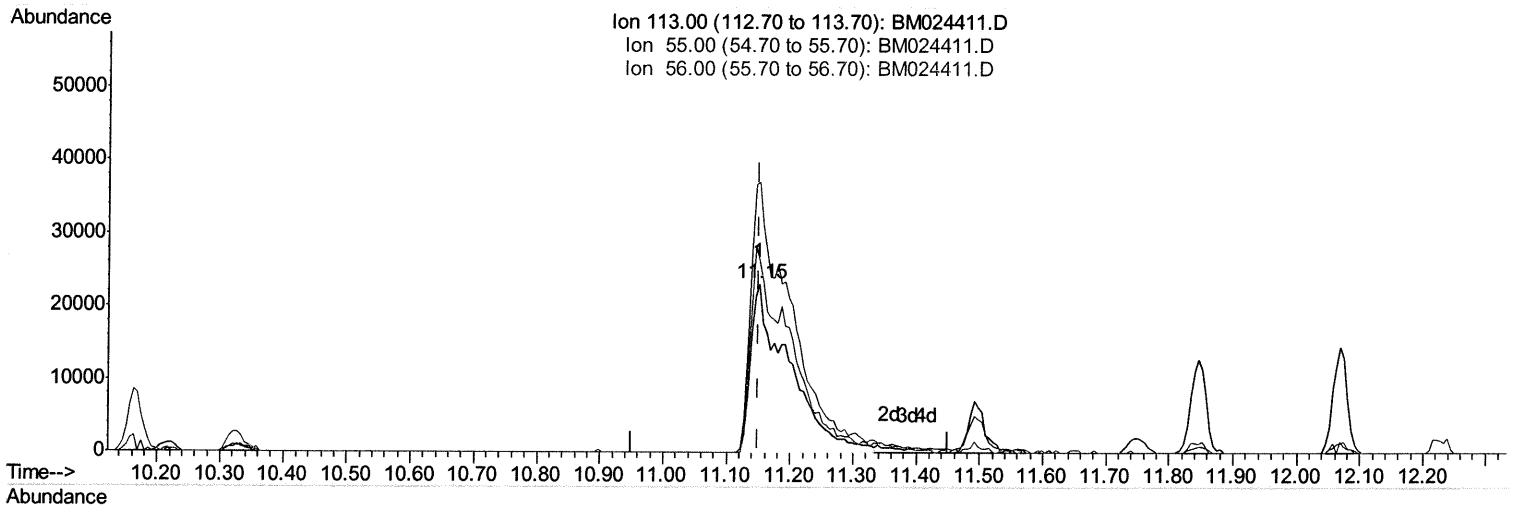
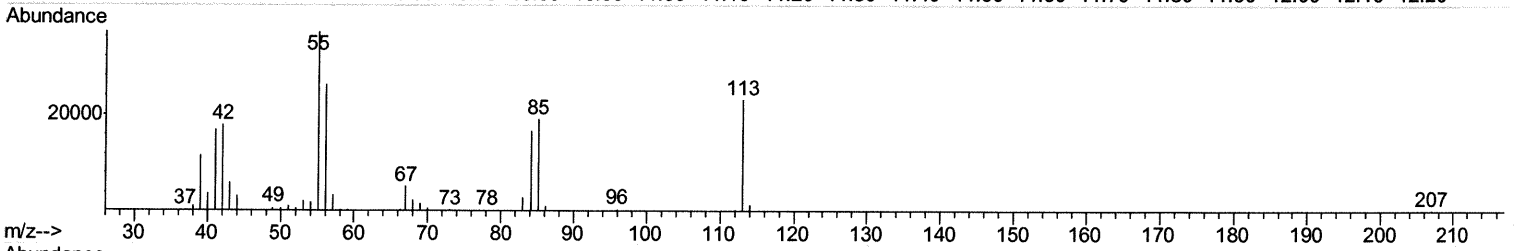
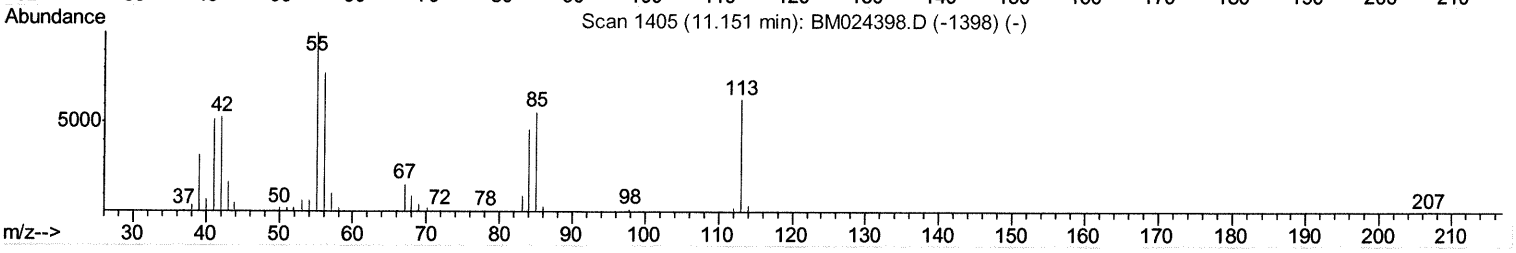




Scan 1405 (11.151 min): BM024398.D (-1398) (-)



TIC: BM024411.D

(32) Caprolactam

11.151min (+0.000) 15.53ng/ul m JU 1/2/20

response 98108

Ion	Exp%	Act%
113.00	100	100
55.00	151.30	160.42
56.00	121.00	113.60
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	7.40	152	270785	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1112432	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	649137	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1329797	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	1334576	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	1598095	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	61209	9.99	ng/uL	0.00
5) Phenol-d5	6.60	99	481325	18.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	317995	20.68	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	369074	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	366837	17.50	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	168568	21.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	186016	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	351344	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	431465	20.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	963539	20.07	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1187489	20.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	141559	16.42	ng/ul	0.00
58) Fluorene-d10	15.07	176	834704	19.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	139291	17.17	ng/ul	0.00
71) Anthracene-d10	16.93	188	1253811	20.72	ng/ul	0.00
79) Pyrene-d10	19.24	212	1360301	21.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	1647949	20.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	64147	9.448	ng/uL#	87
4) Benzaldehyde	6.57	77	298072	17.983	ng/ul	99
6) Phenol	6.63	94	515114	19.456	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.85	93	401166	19.555	ng/ul	96
10) 2-Chlorophenol	6.98	128	387550	20.664	ng/ul	97
11) 2-Methylphenol	7.86	108	361662	18.372	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.94	45	492186	20.831	ng/ul	99
14) Acetophenone	8.23	105	584400	18.490	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.22	70	336319	19.261	ng/ul	94
16) 4-Methylphenol	8.19	108	387444	17.728	ng/ul	96
17) Hexachloroethane	8.45	117	168020	21.705	ng/ul	95
20) Nitrobenzene	8.60	77	496798	22.359	ng/ul	97
21) Isophorone	9.13	82	840147	20.230	ng/ul	99
23) 2-Nitrophenol	9.30	139	205051	21.192	ng/ul	89
24) 2,4-Dimethylphenol	9.38	107	435067	20.844	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.61	93	527911	20.461	ng/ul	99
27) 2,4-Dichlorophenol	9.84	162	340382	20.355	ng/ul	97
28) Naphthalene	10.22	128	1189020	20.397	ng/ul	99
30) 4-Chloroaniline	10.35	127	447676	21.374	ng/ul	99
31) Hexachlorobutadiene	10.50	225	220255	21.306	ng/ul	98
32) Caprolactam	11.15	113	98108m	15.526	ng/ul	JU 1/2/20
33) 4-Chloro-3-methylphenol	11.49	107	388809	19.376	ng/ul	95
34) 2-Methylnaphthalene	11.85	142	820181	19.684	ng/ul	98

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Manual Integrations APPROVED
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1/2/2020 8:41:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	794700	18.686	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	394774	22.497	ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	131607	16.645	ng/ul	96
39) 2,4,6-Trichlorophenol	12.49	196	250223	21.561	ng/ul	98
40) 2,4,5-Trichlorophenol	12.57	196	266967	21.339	ng/ul	98
41) 1,1'-Biphenyl	12.89	154	1031543	21.289	ng/ul	99
42) 2-Chloronaphthalene	12.93	162	811388	21.313	ng/ul	99
43) 2-Nitroaniline	13.16	65	259069	23.211	ng/ul	91
45) Dimethylphthalate	13.55	163	982135	19.687	ng/ul	100
46) 2,6-Dinitrotoluene	13.67	165	196166	19.962	ng/ul	90
48) Acenaphthylene	13.79	152	1248120	20.439	ng/ul	100
49) 3-Nitroaniline	14.00	138	191458	20.528	ng/ul	92
50) Acenaphthene	14.13	153	859979	20.482	ng/ul	98
51) 2,4-Dinitrophenol	14.23	184	92260	16.706	ng/ul	90
53) 4-Nitrophenol	14.34	109	124203	18.072	ng/ul	91
54) Dibenzofuran	14.47	168	1202955	20.609	ng/ul	97
55) 2,4-Dinitrotoluene	14.47	165	292466	19.707	ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	14.72	232	223824	19.789	ng/ul	97
57) Diethylphthalate	14.92	149	1004641	19.807	ng/ul	99
59) Fluorene	15.13	166	973908	19.757	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	473423	19.751	ng/ul	98
61) 4-Nitroaniline	15.18	138	183132	17.783	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.25	198	151719	17.510	ng/ul	93
65) N-Nitrosodiphenylamine	15.35	169	826460	21.375	ng/ul	100
66) 4-Bromophenyl-phenylether	16.03	248	298494	21.117	ng/ul	99
67) Hexachlorobenzene	16.14	284	350481	20.250	ng/ul	100
68) Atrazine	16.32	200	279211	19.427	ng/ul	99
69) Pentachlorophenol	16.49	266	154231	17.005	ng/ul	95
70) Phenanthrene	16.87	178	1518463	20.396	ng/ul	99
72) Anthracene	16.96	178	1554105	20.764	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	390458	23.395	ng/uL	99
74) Pentachlorobenzene	14.39	250	399983	21.761	ng/uL	98
75) Carbazole	17.24	167	1357652	21.116	ng/ul	99
76) Di-n-butylphthalate	17.82	149	1646613	21.354	ng/ul	100
77) Fluoranthene	18.90	202	1718227	21.175	ng/ul	99
80) Pyrene	19.27	202	1804812	20.715	ng/ul	99
81) Butylbenzylphthalate	20.20	149	775636	22.597	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.97	252	570643	19.261	ng/ul	99
83) Benzo(a)anthracene	21.03	228	1826179	21.477	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	1152230	22.526	ng/ul	99
85) Chrysene	21.09	228	1740228	20.880	ng/ul	99
87) Di-n-octyl phthalate	21.83	149	1931407	22.368	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	2001684	20.934	ng/ul	98
89) Benzo(k)fluoranthene	22.58	252	1914873	20.410	ng/ul	99
91) Benzo(a)pyrene	23.07	252	1875658	21.683	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	2347918	22.604	ng/ul	99
93) Dibenzo(a,h)anthracene	25.26	278	1961583	22.525	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	1954790	23.050	ng/ul	99

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

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