

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061419\
 Data File : BM020941.D
 Acq On : 14 Jun 2019 13:08
 Operator : HP/JU
 Sample : SSTD02019
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02019

Quant Time: Jun 14 13:48:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 14 13:40:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	247623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1104805	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	726320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1643396	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1321897	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1335645	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	40070	7.71	ng/uL	0.00
5) Phenol-d5	6.96	99	434377	22.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	265540	23.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	359327	23.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	374609	24.58	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	186457	24.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	208708	26.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	424014	26.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	439449	22.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1336544	24.88	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1656145	24.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	217820	23.63	ng/ul	0.00
57) Fluorene-d10	15.43	176	1162200	25.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	196903	23.43	ng/ul	0.00
70) Anthracene-d10	17.28	188	1740259	24.24	ng/ul	0.00
78) Pyrene-d10	19.57	212	1735709	27.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	1595270	26.28	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.33	88	41248	7.562	ng/uL 100
4) Benzaldehyde	6.95	77	199227	13.956	ng/ul 100
6) Phenol	6.99	94	413873	21.220	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.23	93	321506	21.247	ng/ul 100
10) 2-Chlorophenol	7.36	128	337167	21.723	ng/ul 100
11) 2-Methylphenol	8.23	108	321953	22.216	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.32	45	415307	20.936	ng/ul 100
14) Acetophenone	8.62	105	548460	23.284	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.60	70	293696	23.685	ng/ul 100
16) 4-Methylphenol	8.56	108	355537	22.432	ng/ul 100
17) Hexachloroethane	8.87	117	139653	21.397	ng/ul 100
20) Nitrobenzene	9.00	77	407647	21.473	ng/ul 100
21) Isophorone	9.52	82	808753	23.056	ng/ul 100
23) 2-Nitrophenol	9.70	139	210509	24.186	ng/ul 100
24) 2,4-Dimethylphenol	9.76	107	422840	22.601	ng/ul 100
25) Bis(2-Chloroethoxy)methane	10.00	93	487328	22.392	ng/ul 100
27) 2,4-Dichlorophenol	10.23	162	379062	23.673	ng/ul 100
28) Naphthalene	10.64	128	1141723	22.003	ng/ul 100
30) 4-Chloroaniline	10.75	127	417495	20.939	ng/ul 100
31) Hexachlorobutadiene	10.91	225	245948	22.676	ng/ul 100
32) Caprolactam	11.54	113	109330	23.437	ng/ul 100
33) 4-Chloro-3-methylphenol	11.87	107	405255	24.526	ng/ul 100
34) 2-Methylnaphthalene	12.25	142	901390	23.651	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	513078	21.799	ng/ul	100
37) Hexachlorocyclopentadiene	12.59	237	299752	20.522	ng/ul	100
38) 2,4,6-Trichlorophenol	12.86	196	336807	23.826	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	359464	23.414	ng/ul	100
40) 1,1'-Biphenyl	13.27	154	1209447	21.457	ng/ul	100
41) 2-Chloronaphthalene	13.31	162	949364	21.886	ng/ul	100
42) 2-Nitroaniline	13.52	65	243501	21.618	ng/ul	100
44) Dimethylphthalate	13.90	163	1214165	22.570	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	243147	24.096	ng/ul	100
47) Acenaphthylene	14.16	152	1407357	21.353	ng/ul	100
48) 3-Nitroaniline	14.35	138	203047	20.906	ng/ul	100
49) Acenaphthene	14.50	153	1025655	22.293	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	104305	19.285	ng/ul	100
52) 4-Nitrophenol	14.66	109	163958	21.692	ng/ul	100
53) Dibenzofuran	14.83	168	1447571	22.243	ng/ul	100
54) 2,4-Dinitrotoluene	14.81	165	353551	24.235	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	321355	24.912	ng/ul	100
56) Diethylphthalate	15.26	149	1186221	22.077	ng/ul	100
58) Fluorene	15.49	166	1180916	22.602	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.48	204	646258	23.217	ng/ul	100
60) 4-Nitroaniline	15.52	138	218806	19.839	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.57	198	200869	22.502	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	1024942	22.181	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	413822	23.614	ng/ul	100
66) Hexachlorobenzene	16.48	284	467210	23.446	ng/ul	100
67) Atrazine	16.65	200	365449	21.461	ng/ul	100
68) Pentachlorophenol	16.83	266	229504	19.990	ng/ul	100
69) Phenanthrene	17.23	178	1834273	22.178	ng/ul	100
71) Anthracene	17.32	178	1878020	22.152	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	515951	21.178	ng/uL	100
73) Pentachlorobenzene	14.75	250	540967	23.576	ng/uL	100
74) Carbazole	17.59	167	1566997	21.254	ng/ul	100
75) Di-n-butylphthalate	18.14	149	1835261	19.912	ng/ul	100
76) Fluoranthene	19.24	202	2018242	21.294	ng/ul	100
79) Pyrene	19.60	202	2032622	24.910	ng/ul	100
80) Butylbenzylphthalate	20.50	149	729018	21.920	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.28	252	590335	20.148	ng/ul	100
82) Benzo(a)anthracene	21.34	228	1847060	22.399	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	993292	17.709	ng/ul	100
84) Chrysene	21.40	228	1696165	22.167	ng/ul	100
86) Di-n-octyl phthalate	22.16	149	1615134	20.399	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	1725398	22.206	ng/ul	100
88) Benzo(k)fluoranthene	23.00	252	1664371	22.411	ng/ul	100
90) Benzo(a)pyrene	23.54	252	1606657	21.735	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.94	276	1876309	21.491	ng/ul	100
92) Dibenzo(a,h)anthracene	25.96	278	1586428	21.445	ng/ul	100
93) Benzo(g,h,i)perylene	26.65	276	1542371	21.775	ng/ul	100

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

