

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061918\
 Data File : BN001875.D
 Acq On : 19 Jun 2018 14:11
 Operator : JU/SJ
 Sample : SSTD16086
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16086

Quant Time: Jun 19 14:41:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 13:01:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	497915	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	2238271	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1315842	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	2957583	20.00	ng/ul	0.01
75) Chrysene-d12	21.30	240	2352480	20.00	ng/ul	0.01
83) Perylene-d12	23.54	264	2148977	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	674961	48.42	ng/uL	0.00
5) Phenol-d5	6.91	99	6992594	150.51	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	4177930	155.92	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	5601225	159.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	5524603	152.68	ng/ul	0.02
19) Nitrobenzene-d5	8.88	128	2792017	153.59	ng/ul	0.02
22) 2-Nitrophenol-d4	9.59	143	3117321	165.53	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.13	165	5620668	166.50	ng/ul	0.02
29) 4-Chloroaniline-d4	10.64	131	5728960	165.34	ng/ul	0.01
43) Dimethylphthalate-d6	13.78	166	14817863	142.54	ng/ul	0.02
46) Acenaphthylene-d8	14.05	160	17460487	127.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	3200706	165.82	ng/ul	0.05
57) Fluorene-d10	15.36	176	12291634	138.76	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.49	200	2883628	170.24	ng/ul	0.04
70) Anthracene-d10	17.20	188	16755995	117.87	ng/ul	0.01
76) Pyrene-d10	19.50	212	17355029	133.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	16657958	164.23	ng/ul	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	683716	45.549 ng/uL#	76
4) Benzaldehyde	6.87	77	3389373	178.962 ng/ul	91
6) Phenol	6.94	94	6890789	145.398 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.16	93	5270750	140.152 ng/ul	94
10) 2-Chlorophenol	7.30	128	5461845	152.302 ng/ul	98
11) 2-Methylphenol	8.17	108	5323357	153.157 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	8080624	199.371 ng/ul	96
14) Acetophenone	8.55	105	8008805	148.898 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	4199645	149.284 ng/ul	94
16) 4-Methylphenol	8.52	108	5690864	152.933 ng/ul	94
17) Hexachloroethane	8.79	117	2205569	147.405 ng/ul	86
20) Nitrobenzene	8.92	77	6274783	139.830 ng/ul	92
21) Isophorone	9.46	82	11988930	140.149 ng/ul	97
23) 2-Nitrophenol	9.63	139	3175704	156.794 ng/ul	94
24) 2,4-Dimethylphenol	9.69	107	6287787	144.117 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.93	93	7259194	134.361 ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	5275250	161.010 ng/ul	96
28) Naphthalene	10.55	128	15605162	132.764 ng/ul#	95
30) 4-Chloroaniline	10.66	127	5573679	158.473 ng/ul	96
31) Hexachlorobutadiene	10.83	225	3276224	180.453 ng/ul	97
32) Caprolactam	11.49	113	1142503	95.391 ng/ul	89
33) 4-Chloro-3-methylphenol	11.81	107	5872167	152.456 ng/ul	96
34) 2-Methylnaphthalene	12.17	142	11380158	145.017 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	6010993	152.055	ng/ul#	96
37) Hexachlorocyclopentadiene	12.52	237	4325996	209.861	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.78	196	4356746	162.476	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	4586056	164.023	ng/ul	100
40) 1,1'-Biphenyl	13.19	154	13826620	123.435	ng/ul#	93
41) 2-Chloronaphthalene	13.23	162	11410072	132.142	ng/ul	92
42) 2-Nitroaniline	13.44	65	4078218	155.882	ng/ul	95
44) Dimethylphthalate	13.83	163	14139009	137.500	ng/ul	98
45) 2,6-Dinitrotoluene	13.95	165	3491658	168.506	ng/ul	98
47) Acenaphthylene	14.07	152	14971030	111.431	ng/ul	94
48) 3-Nitroaniline	14.27	138	2882952	144.105	ng/ul	97
49) Acenaphthene	14.42	153	11881873	129.711	ng/ul	96
50) 2,4-Dinitrophenol	14.47	184	2182235	223.228	ng/ul#	84
52) 4-Nitrophenol	14.61	109	2344552	157.174	ng/ul	81
53) Dibenzofuran	14.76	168	15130157	121.608	ng/ul#	86
54) 2,4-Dinitrotoluene	14.74	165	4800071	163.398	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.99	232	4012275	187.921	ng/ul#	85
56) Diethylphthalate	15.20	149	14411981	137.314	ng/ul	95
58) Fluorene	15.42	166	12193386	123.329	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.41	204	6293722	137.764	ng/ul	91
60) 4-Nitroaniline	15.46	138	3417920	152.070	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.51	198	2947316	164.819	ng/ul#	99
64) N-Nitrosodiphenylamine	15.63	169	11651560	119.585	ng/ul	98
65) 4-Bromophenyl-phenylether	16.30	248	4632735	153.675	ng/ul	95
66) Hexachlorobenzene	16.41	284	5003517	157.188	ng/ul#	91
67) Atrazine	16.59	200	4764179	162.122	ng/ul	98
68) Pentachlorophenol	16.76	266	3359062	199.887	ng/ul	97
72) Carbazole	17.50	167	16667381	111.250	ng/ul#	83
73) Di-n-butylphthalate	18.19	149	9636	0.047	ng/ul#	92
74) Fluoranthene	19.10	202	32133	0.190	ng/ul#	52
78) Butylbenzylphthalate	20.45	149	10824350	126.826	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.22	252	6273916	136.510	ng/ul#	98
80) Benzo(a)anthracene	21.34	228	15007030	95.743	ng/ul#	73
81) Bis(2-ethylhexyl)phthalate	21.23	149	12405172	100.116	ng/ul#	88
82) Chrysene	21.34	228	15007030	102.129	ng/ul#	77
84) Di-n-octyl phthalate	22.20	149	23032	0.127	ng/ul	100
85) Benzo(b)fluoranthene	22.88	252	19931170	146.783	ng/ul#	92
86) Benzo(k)fluoranthene	22.92	252	15749671	120.144	ng/ul#	89
88) Benzo(a)pyrene	23.46	252	17129570	134.038	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.80	276	19614963	142.343	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.83	278	15522246	135.214	ng/ul#	93
91) Benzo(g,h,i)perylene	26.49	276	16797254	146.681	ng/ul#	91

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

