

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061919\
 Data File : BN006399.D
 Acq On : 19 Jun 2019 16:33
 Operator : JU/SJ
 Sample : SSTD16012
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16012

Quant Time: Jun 19 17:15:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 19 15:21:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	193688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	958925	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	584668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1301951	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1086838	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1418639	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	271236	60.67	ng/uL	0.00
5) Phenol-d5	6.82	99	3431837	221.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.98	67	1976793	223.38	ng/ul	0.01
9) 2-Chlorophenol-d4	7.17	132	2490483	200.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	2673328	222.94	ng/ul	0.02
19) Nitrobenzene-d5	8.80	128	1300532	190.02	ng/ul	0.02
22) 2-Nitrophenol-d4	9.51	143	1487472	195.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	2538813	184.93	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	2276918	138.89	ng/ul	0.01
43) Dimethylphthalate-d6	13.71	166	7061972	170.26	ng/ul	0.01
46) Acenaphthylene-d8	13.99	160	8577345	159.78	ng/ul	0.01
51) 4-Nitrophenol-d4	14.55	143	1483828	202.56	ng/ul	0.04
57) Fluorene-d10	15.29	176	5628340	160.61	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.45	200	1415887	194.34	ng/ul	0.03
70) Anthracene-d10	17.15	188	8417936	151.52	ng/ul	0.01
78) Pyrene-d10	19.46	212	9029668	171.93	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.37	264	11166306	176.76	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	284209	61.506	ng/uL	97
4) Benzaldehyde	6.78	77	1073769	102.230	ng/ul	99
6) Phenol	6.85	94	3239614	204.818	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	2345674	191.094	ng/ul	99
10) 2-Chlorophenol	7.20	128	2340280	184.332	ng/ul	98
11) 2-Methylphenol	8.08	108	2450526	206.491	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	3637196	221.728	ng/ul	99
14) Acetophenone	8.46	105	3547429	195.559	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.48	70	1923810	200.126	ng/ul	96
16) 4-Methylphenol	8.43	108	2591466	203.251	ng/ul	98
17) Hexachloroethane	8.69	117	878781	164.595	ng/ul	99
20) Nitrobenzene	8.84	77	2876318	177.675	ng/ul	97
21) Isophorone	9.38	82	5750629	184.334	ng/ul	99
23) 2-Nitrophenol	9.55	139	1422015	177.316	ng/ul	98
24) 2,4-Dimethylphenol	9.61	107	2839830	174.399	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.85	93	3446651	179.480	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	2271329	169.810	ng/ul	100
28) Naphthalene	10.47	128	7102169	157.048	ng/ul	99
30) 4-Chloroaniline	10.59	127	2152916	130.986	ng/ul	100
31) Hexachlorobutadiene	10.75	225	1244980	145.595	ng/ul	98
32) Caprolactam	11.42	113	503845	112.374	ng/ul	95
33) 4-Chloro-3-methylphenol	11.74	107	2791753	191.772	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	5108213	162.042	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	2508662	143.337	ng/ul	98
37) Hexachlorocyclopentadiene	12.44	237	1487174	148.792	ng/ul	100
38) 2,4,6-Trichlorophenol	12.72	196	1816704	162.224	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	1934906	162.004	ng/ul	100
40) 1,1'-Biphenyl	13.12	154	6165625	140.389	ng/ul	97
41) 2-Chloronaphthalene	13.16	162	5057809	148.955	ng/ul	98
42) 2-Nitroaniline	13.38	65	1904807	193.068	ng/ul	96
44) Dimethylphthalate	13.76	163	6351475	154.389	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	1536618	183.952	ng/ul	95
47) Acenaphthylene	14.02	152	7383574	140.058	ng/ul	97
48) 3-Nitroaniline	14.22	138	1374687	168.353	ng/ul	95
49) Acenaphthene	14.36	153	5268019	148.505	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	961954	217.330	ng/ul	93
52) 4-Nitrophenol	14.56	109	996909	179.512	ng/ul	96
53) Dibenzofuran	14.70	168	6714525	134.136	ng/ul	95
54) 2,4-Dinitrotoluene	14.69	165	1901294	162.132	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.93	232	1654839	168.151	ng/ul	96
56) Diethylphthalate	15.13	149	6375067	154.733	ng/ul	98
58) Fluorene	15.36	166	5097843	130.083	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	2575520	131.826	ng/ul	97
60) 4-Nitroaniline	15.41	138	1683873	176.099	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.47	198	1322795	174.953	ng/ul#	95
64) N-Nitrosodiphenylamine	15.57	169	5177532	143.008	ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	1960680	153.330	ng/ul	94
66) Hexachlorobenzene	16.36	284	2142962	152.596	ng/ul	95
67) Atrazine	16.53	200	1960723	150.956	ng/ul	99
68) Pentachlorophenol	16.70	266	1309748	164.005	ng/ul	98
69) Phenanthrene	17.09	178	8982069	140.675	ng/ul	98
71) Anthracene	17.19	178	8861475	135.808	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	2574451	137.597	ng/uL	99
73) Pentachlorobenzene	14.62	250	2423676	145.051	ng/uL	98
74) Carbazole	17.46	167	8709809	149.433	ng/ul	97
75) Di-n-butylphthalate	18.02	149	10429333	140.672	ng/ul	99
76) Fluoranthene	19.12	202	10215488	142.757	ng/ul	98
79) Pyrene	19.49	202	9765946	146.160	ng/ul	99
80) Butylbenzylphthalate	20.40	149	5118161	163.672	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.19	252	3138991	138.187	ng/ul	99
82) Benzo(a)anthracene	21.26	228	10117200	151.414	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.18	149	5910966	130.919	ng/ul#	96
84) Chrysene	21.31	228	9255378	144.519	ng/ul	97
86) Di-n-octyl phthalate	22.06	149	11811008	137.986	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	11573772	153.042	ng/ul	98
88) Benzo(k)fluoranthene	22.89	252	10565319	142.717	ng/ul	97
90) Benzo(a)pyrene	23.43	252	10784910	147.513	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.77	276	10054546	112.798	ng/ul	98
92) Dibenzo(a,h)anthracene	25.79	278	10262871	136.522	ng/ul	98
93) Benzo(g,h,i)perylene	26.46	276	10867227	143.422	ng/ul	99

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

