

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041919\
 Data File : BN005162.D
 Acq On : 18 Apr 2019 22:16
 Operator : JU/SJ
 Sample : SSTD16063
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16063

Quant Time: Apr 19 03:46:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 03:40:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	376969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1496667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	812740	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1695461	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1437963	20.00	ng/ul	0.01
85) Perylene-d12	23.39	264	1757435	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	487474	61.92	ng/uL	0.00
5) Phenol-d5	6.80	99	4559899	156.87	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	2790974	150.42	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	3614804	159.23	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	3500171	155.59	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	1697203	209.78	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	1869724	247.64	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	3457336	163.73	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	3424317	160.20	ng/ul	0.02
43) Dimethylphthalate-d6	13.67	166	8814049	148.12	ng/ul	0.01
46) Acenaphthylene-d8	13.93	160	10895364	146.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	1538682	185.04	ng/ul	0.04
57) Fluorene-d10	15.25	176	7108388	143.71	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	1502180	247.07	ng/ul	0.02
70) Anthracene-d10	17.10	188	10341480	145.03	ng/ul	0.01
78) Pyrene-d10	19.40	212	10874951	150.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	12032126	155.96	ng/ul	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	532587	62.796	ng/uL 90
4) Benzaldehyde	6.76	77	3029669	142.914	ng/ul 95
6) Phenol	6.83	94	4616689	153.813	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.06	93	3700669	152.295	ng/ul 98
10) 2-Chlorophenol	7.19	128	3615823	155.283	ng/ul 99
11) 2-Methylphenol	8.05	108	3459102	153.481	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	6057193	146.675	ng/ul 98
14) Acetophenone	8.43	105	5282090	144.482	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.45	70	2763236	138.504	ng/ul 96
16) 4-Methylphenol	8.40	108	3642404	151.451	ng/ul 97
17) Hexachloroethane	8.68	117	1606866	160.378	ng/ul 98
20) Nitrobenzene	8.80	77	4225410	179.916	ng/ul 97
21) Isophorone	9.34	82	7751920	148.524	ng/ul 99
23) 2-Nitrophenol	9.50	139	1958041	213.738	ng/ul 96
24) 2,4-Dimethylphenol	9.58	107	4119497	153.618	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.82	93	4789084	149.081	ng/ul 100
27) 2,4-Dichlorophenol	10.03	162	3298520	158.599	ng/ul 99
28) Naphthalene	10.43	128	10298950	147.420	ng/ul 99
30) 4-Chloroaniline	10.54	127	3397362	156.645	ng/ul 99
31) Hexachlorobutadiene	10.72	225	2426797	162.286	ng/ul 98
32) Caprolactam	11.35	113	607976	98.674	ng/ul 97
33) 4-Chloro-3-methylphenol	11.68	107	3651568	156.631	ng/ul 98
34) 2-Methylnaphthalene	12.05	142	7225217	142.386	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	4033773	157.821	ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	3024857	179.890	ng/ul	99
38) 2,4,6-Trichlorophenol	12.66	196	2592309	171.717	ng/ul	96
39) 2,4,5-Trichlorophenol	12.74	196	2759897	175.405	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	8933737	145.531	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	7048111	149.830	ng/ul	100
42) 2-Nitroaniline	13.32	65	2336697	231.831	ng/ul	96
44) Dimethylphthalate	13.72	163	8534135	145.278	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	1876573	226.672	ng/ul	94
47) Acenaphthylene	13.97	152	10301052	142.673	ng/ul	97
48) 3-Nitroaniline	14.16	138	1521380	188.305	ng/ul	99
49) Acenaphthene	14.31	153	7120406	145.671	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	1050442	292.018	ng/ul	95
52) 4-Nitrophenol	14.49	109	1370655	177.017	ng/ul	97
53) Dibenzofuran	14.65	168	9853677	140.698	ng/ul	96
54) 2,4-Dinitrotoluene	14.63	165	2538783	211.004	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.87	232	2288960	175.421	ng/ul	99
56) Diethylphthalate	15.10	149	8732119	144.935	ng/ul	97
58) Fluorene	15.30	166	7414952	134.586	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.30	204	4023634	139.673	ng/ul	99
60) 4-Nitroaniline	15.35	138	1853817	176.869	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	1528569	226.750	ng/ul	97
64) N-Nitrosodiphenylamine	15.52	169	6896330	147.878	ng/ul	97
65) 4-Bromophenyl-phenylether	16.20	248	2737007	159.302	ng/ul	97
66) Hexachlorobenzene	16.30	284	2858746	159.354	ng/ul	98
67) Atrazine	16.49	200	2729498	158.219	ng/ul	100
68) Pentachlorophenol	16.65	266	1872750	185.173	ng/ul	98
69) Phenanthrene	17.04	178	11680756	141.820	ng/ul	96
71) Anthracene	17.13	178	11598657	137.709	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	4185965	167.103	ng/uL	99
73) Pentachlorobenzene	14.57	250	3547321	160.164	ng/uL	100
74) Carbazole	17.40	167	10525502	146.253	ng/ul	97
75) Di-n-butylphthalate	17.99	149	12585454	131.002	ng/ul#	93
76) Fluoranthene	19.06	202	13011064	141.167	ng/ul	96
79) Pyrene	19.43	202	12471988	136.898	ng/ul	96
80) Butylbenzylphthalate	20.36	149	6405146	170.533	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	4726530	160.928	ng/ul	99
82) Benzo(a)anthracene	21.19	228	13016281	144.745	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.16	149	8994268	148.337	ng/ul#	96
84) Chrysene	21.19	228	13016281	155.049	ng/ul	97
86) Di-n-octyl phthalate	22.03	149	13381920	121.434	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	14871406	149.483	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	13204942	141.104	ng/ul	97
90) Benzo(a)pyrene	23.32	252	13790560	147.921	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	17239787	163.616	ng/ul	98
92) Dibenzo(a,h)anthracene	25.62	278	14093520	158.746	ng/ul	97
93) Benzo(g,h,i)perylene	26.26	276	14537781	165.339	ng/ul	98

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

