

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060419\
 Data File : BN006066.D
 Acq On : 04 Jun 2019 16:38
 Operator : JU/SJ
 Sample : SSTD16005
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16005

Quant Time: Jun 04 17:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 15:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	266620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1092775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	564104	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1144171	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	992194	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1316991	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	352676	61.57	ng/uL	0.00
5) Phenol-d5	6.84	99	3281849	148.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.00	67	1861898	149.48	ng/ul	0.01
9) 2-Chlorophenol-d4	7.19	132	2674947	154.66	ng/ul	0.01
13) 4-Methylphenol-d8	8.38	113	2550254	144.68	ng/ul	0.02
19) Nitrobenzene-d5	8.82	128	1283720	162.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	1442951	166.02	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.07	165	2424270	152.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.58	131	2721649	139.49	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	5767940	144.54	ng/ul	0.01
46) Acenaphthylene-d8	14.00	160	7406460	144.25	ng/ul	0.01
51) 4-Nitrophenol-d4	14.55	143	1119106	151.76	ng/ul	0.03
57) Fluorene-d10	15.31	176	4670174	138.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	1085475	195.82	ng/ul	0.02
70) Anthracene-d10	17.16	188	6759024	140.96	ng/ul	0.00
78) Pyrene-d10	19.47	212	6999306	123.67	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.39	264	8544950	146.04	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	374768	62.611	ng/uL	98
4) Benzaldehyde	6.80	77	2698118	179.960	ng/ul	98
6) Phenol	6.87	94	3302441	146.776	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	2600619	149.599	ng/ul	100
10) 2-Chlorophenol	7.22	128	2679916	151.702	ng/ul	98
11) 2-Methylphenol	8.10	108	2511984	145.810	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	3447812	148.270	ng/ul	99
14) Acetophenone	8.48	105	3635585	139.363	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.49	70	1846261	136.606	ng/ul	98
16) 4-Methylphenol	8.45	108	2639807	141.278	ng/ul	95
17) Hexachloroethane	8.72	117	1108633	169.157	ng/ul	98
20) Nitrobenzene	8.86	77	2917628	157.808	ng/ul	98
21) Isophorone	9.39	82	5265900	149.963	ng/ul	99
23) 2-Nitrophenol	9.56	139	1476274	160.906	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	2807783	150.257	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	3317812	149.300	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	2338044	150.918	ng/ul	100
28) Naphthalene	10.49	128	7496591	145.818	ng/ul	98
30) 4-Chloroaniline	10.61	127	2718190	139.189	ng/ul	99
31) Hexachlorobutadiene	10.77	225	1490270	162.569	ng/ul	97
32) Caprolactam	11.42	113	446563	77.723	ng/ul	99
33) 4-Chloro-3-methylphenol	11.75	107	2519855	143.114	ng/ul	96
34) 2-Methylnaphthalene	12.11	142	5107693	139.293	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	2597797	155.968	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	1743348	329.587	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	1737688	158.765	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	1843705	158.111	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	6179725	145.371	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	4848277	147.559	ng/ul	98
42) 2-Nitroaniline	13.39	65	1571965	157.099	ng/ul	99
44) Dimethylphthalate	13.77	163	5617055	142.200	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	1321908	158.917	ng/ul	96
47) Acenaphthylene	14.03	152	7066700	140.080	ng/ul	98
48) 3-Nitroaniline	14.23	138	1149367	135.041	ng/ul	98
49) Acenaphthene	14.37	153	4808565	141.480	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	825591	218.599	ng/ul	98
52) 4-Nitrophenol	14.56	109	839833	150.708	ng/ul	95
53) Dibenzofuran	14.72	168	6536638	135.434	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	1708247	148.411	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.95	232	1487931	157.003	ng/ul	97
56) Diethylphthalate	15.15	149	5552975	141.748	ng/ul	99
58) Fluorene	15.37	166	4791925	128.501	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	2422709	131.449	ng/ul	97
60) 4-Nitroaniline	15.41	138	1264907	129.567	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.47	198	1097621	193.733	ng/ul#	96
64) N-Nitrosodiphenylamine	15.58	169	4532349	139.066	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	1696957	147.854	ng/ul	100
66) Hexachlorobenzene	16.37	284	1846798	151.218	ng/ul	95
67) Atrazine	16.54	200	1680949	149.580	ng/ul	97
68) Pentachlorophenol	16.72	266	1180113	175.579	ng/ul	98
69) Phenanthrene	17.11	178	7748031	139.547	ng/ul	97
71) Anthracene	17.20	178	7700805	136.580	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	2665510	159.040	ng/ul	99
73) Pentachlorobenzene	14.63	250	2257729	150.920	ng/ul	99
74) Carbazole	17.47	167	7282503	150.156	ng/ul	97
75) Di-n-butylphthalate	18.04	149	8663140	139.453	ng/ul	99
76) Fluoranthene	19.13	202	8610537	159.355	ng/ul	99
79) Pyrene	19.50	202	8491008	118.736	ng/ul	99
80) Butylbenzylphthalate	20.41	149	4205648	129.965	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.20	252	2614072	138.210	ng/ul	99
82) Benzo(a)anthracene	21.27	228	8905797	145.265	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	5229850	117.598	ng/ul#	98
84) Chrysene	21.32	228	8225194	141.800	ng/ul	96
86) Di-n-octyl phthalate	22.08	149	10383867	115.187	ng/ul	100
87) Benzo(b)fluoranthene	22.86	252	10164669	139.934	ng/ul	98
88) Benzo(k)fluoranthene	22.90	252	9282922	131.879	ng/ul	98
90) Benzo(a)pyrene	23.44	252	9619887	139.285	ng/ul	98
92) Dibenzo(a,h)anthracene	25.80	278	9823098	146.532	ng/ul	97
93) Benzo(g,h,i)perylene	26.49	276	10752207	164.291	ng/ul	97

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

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