

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000566.D
 Acq On : 23 Mar 2018 06:11
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02029

Quant Time: Mar 23 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 06:10:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	236045	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	1015974	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	549522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1133596	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	933164	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	726592	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	50280	7.61	ng/uL	0.00
5) Phenol-d5	7.55	99	445092	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	253914	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	330976	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	351481	20.49	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	157709	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	165336	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	306405	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	396663	25.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	869455	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	1117023	19.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	150771	18.70	ng/ul	-0.01
57) Fluorene-d10	16.01	176	738738	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	105929	16.32	ng/ul	0.00
70) Anthracene-d10	17.85	188	1054832	19.36	ng/ul	0.00
76) Pyrene-d10	20.11	212	1062245	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	686793	20.03	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.63	88	53166	7.471	ng/uL# 86
4) Benzaldehyde	7.53	77	188432	20.987	ng/ul 91
6) Phenol	7.58	94	453300	20.176	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.81	93	357232	20.037	ng/ul 95
10) 2-Chlorophenol	7.97	128	336443	19.790	ng/ul 97
11) 2-Methylphenol	8.85	108	334856	20.322	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.94	45	389200	20.256	ng/ul# 93
14) Acetophenone	9.25	105	535085	20.985	ng/ul 94
15) N-Nitroso-di-n-propylamine	9.22	70	266503	19.983	ng/ul 95
16) 4-Methylphenol	9.19	108	361753	20.507	ng/ul 94
17) Hexachloroethane	9.51	117	137957	19.449	ng/ul# 73
20) Nitrobenzene	9.64	77	399166	19.597	ng/ul 95
21) Isophorone	10.15	82	758701	19.539	ng/ul 98
23) 2-Nitrophenol	10.35	139	181135	19.703	ng/ul 93
24) 2,4-Dimethylphenol	10.40	107	388748	19.630	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.63	93	479595	19.556	ng/ul 97
27) 2,4-Dichlorophenol	10.90	162	300084	20.178	ng/ul# 95
28) Naphthalene	11.30	128	1048270	19.648	ng/ul 99
30) 4-Chloroaniline	11.41	127	402532	25.214	ng/ul 98
31) Hexachlorobutadiene	11.57	225	164135	19.917	ng/ul 98
32) Caprolactam	12.16	113	111637	20.535	ng/ul 85
33) 4-Chloro-3-methylphenol	12.51	107	364000	20.820	ng/ul 97
34) 2-Methylnaphthalene	12.88	142	715667	20.091	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	318944	19.319	ng/ul#	94
37) Hexachlorocyclopentadiene	13.21	237	179592	20.862	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.48	196	217065	19.384	ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	225659	19.326	ng/ul	96
40) 1,1'-Biphenyl	13.87	154	907750	19.405	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	698611	19.373	ng/ul	96
42) 2-Nitroaniline	14.12	65	216229	19.791	ng/ul	97
44) Dimethylphthalate	14.47	163	859327	20.011	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	175200	20.246	ng/ul	91
47) Acenaphthylene	14.76	152	1086436	19.363	ng/ul	100
48) 3-Nitroaniline	14.93	138	184405	22.072	ng/ul#	93
49) Acenaphthene	15.10	153	747316	19.535	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	83231	20.387	ng/ul#	80
52) 4-Nitrophenol	15.24	109	122142	19.607	ng/ul	87
53) Dibenzofuran	15.42	168	1024676	19.721	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	254529	20.747	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.65	232	177543	19.912	ng/ul#	93
56) Diethylphthalate	15.81	149	886521	20.225	ng/ul	95
58) Fluorene	16.07	166	821576	19.898	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.05	204	384209	20.138	ng/ul#	86
60) 4-Nitroaniline	16.08	138	190505	20.296	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.15	198	111612	16.284	ng/ul#	91
64) N-Nitrosodiphenylamine	16.26	169	708207	18.964	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	225351	19.503	ng/ul#	85
66) Hexachlorobenzene	17.07	284	243817	19.984	ng/ul#	85
67) Atrazine	17.19	200	244281	21.688	ng/ul	95
68) Pentachlorophenol	17.41	266	126184	19.591	ng/ul	97
69) Phenanthrene	17.80	178	1264532	19.363	ng/ul	99
71) Anthracene	17.89	178	1288291	19.239	ng/ul	98
72) Carbazole	18.15	167	1163003	20.253	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1513477	19.381	ng/ul	99
74) Fluoranthene	19.78	202	1360899	20.971	ng/ul#	83
77) Pyrene	20.14	202	1361346	19.973	ng/ul#	77
78) Butylbenzylphthalate	20.98	149	678544	20.042	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	318273	17.458	ng/ul#	97
80) Benzo(a)anthracene	21.87	228	1171766	18.846	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	962920	19.591	ng/ul#	96
82) Chrysene	21.92	228	1085324	18.620	ng/ul	100
84) Di-n-octyl phthalate	22.69	149	1504561	24.601	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	964520	21.009	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	876995	19.786	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	846201	19.584	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.92	276	859093	18.439	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.92	278	714217	18.401	ng/ul#	92
91) Benzo(g,h,i)perylene	27.71	276	707219	18.266	ng/ul#	88

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

