

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN040218\
 Data File : BN000698.D
 Acq On : 02 Apr 2018 16:57
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02045

Quant Time: Apr 03 02:11:36 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 03 02:09:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	158529	20.00	ng/ul	0.00
18) Naphthalene-d8	11.24	136	714630	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	401839	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	862943	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	849512	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	759434	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	33505	7.55	ng/uL	0.00
5) Phenol-d5	7.55	99	318985	21.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	187569	21.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	232237	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	253867	22.04	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	115002	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.31	143	121475	20.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	221639	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	285100	25.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	668328	21.05	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	852948	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	114873	19.49	ng/ul	0.00
57) Fluorene-d10	16.01	176	573871	21.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	84675	17.13	ng/ul	0.00
70) Anthracene-d10	17.85	188	839313	20.23	ng/ul	0.00
76) Pyrene-d10	20.11	212	895806	19.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	748192	20.87	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.62	88	35354	7.398	ng/uL# 85
4) Benzaldehyde	7.53	77	141525	23.470	ng/ul 93
6) Phenol	7.58	94	327614	21.712	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.81	93	258752	21.610	ng/ul 95
10) 2-Chlorophenol	7.97	128	236207	20.687	ng/ul 98
11) 2-Methylphenol	8.85	108	240926	21.771	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.93	45	290809	22.536	ng/ul# 94
14) Acetophenone	9.24	105	387176	22.609	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.21	70	197067	22.002	ng/ul 93
16) 4-Methylphenol	9.18	108	263267	22.221	ng/ul 95
17) Hexachloroethane	9.50	117	96364	20.228	ng/ul# 72
20) Nitrobenzene	9.63	77	294084	20.526	ng/ul 95
21) Isophorone	10.15	82	563405	20.628	ng/ul 98
23) 2-Nitrophenol	10.35	139	132026	20.416	ng/ul 94
24) 2,4-Dimethylphenol	10.40	107	289100	20.754	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.63	93	354237	20.536	ng/ul 97
27) 2,4-Dichlorophenol	10.90	162	217027	20.747	ng/ul# 95
28) Naphthalene	11.30	128	767505	20.451	ng/ul 99
30) 4-Chloroaniline	11.40	127	288030	25.650	ng/ul 98
31) Hexachlorobutadiene	11.56	225	119642	20.640	ng/ul 97
32) Caprolactam	12.14	113	85974	22.483	ng/ul 90
33) 4-Chloro-3-methylphenol	12.51	107	267752	21.773	ng/ul 97
34) 2-Methylnaphthalene	12.88	142	529120	21.118	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	13.24	216	238822	19.782	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	113470	18.025	ng/ul	98
38) 2,4,6-Trichlorophenol	13.47	196	157759	19.265	ng/ul	98
39) 2,4,5-Trichlorophenol	13.56	196	164694	19.288	ng/ul	97
40) 1,1'-Biphenyl	13.86	154	678396	19.832	ng/ul#	93
41) 2-Chloronaphthalene	13.91	162	522936	19.831	ng/ul	95
42) 2-Nitroaniline	14.11	65	170820	21.380	ng/ul	95
44) Dimethylphthalate	14.46	163	660369	21.029	ng/ul#	99
45) 2,6-Dinitrotoluene	14.60	165	134386	21.237	ng/ul	90
47) Acenaphthylene	14.75	152	833290	20.310	ng/ul	100
48) 3-Nitroaniline	14.92	138	145947	23.888	ng/ul#	88
49) Acenaphthene	15.09	153	568429	20.320	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	103149	34.551	ng/ul#	76
52) 4-Nitrophenol	15.24	109	93647	20.557	ng/ul	88
53) Dibenzofuran	15.42	168	785386	20.671	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	199249	22.210	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.64	232	128008	19.632	ng/ul#	95
56) Diethylphthalate	15.81	149	689307	21.506	ng/ul	96
58) Fluorene	16.07	166	634417	21.012	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.04	204	297131	21.298	ng/ul#	86
60) 4-Nitroaniline	16.08	138	166200	24.214	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	89457	17.145	ng/ul#	85
64) N-Nitrosodiphenylamine	16.25	169	552240	19.426	ng/ul	98
65) 4-Bromophenyl-phenylether	16.93	248	177305	20.158	ng/ul#	86
66) Hexachlorobenzene	17.06	284	192781	20.757	ng/ul#	84
67) Atrazine	17.18	200	189037	22.047	ng/ul	97
68) Pentachlorophenol	17.41	266	80716	16.462	ng/ul	97
69) Phenanthrene	17.80	178	1000223	20.120	ng/ul	100
71) Anthracene	17.88	178	1026393	20.135	ng/ul	98
72) Carbazole	18.15	167	939170	21.485	ng/ul#	97
73) Di-n-butylphthalate	18.67	149	1202370	20.226	ng/ul	99
74) Fluoranthene	19.78	202	1134226	22.960	ng/ul#	82
77) Pyrene	20.14	202	1148016	18.502	ng/ul#	79
78) Butylbenzylphthalate	20.98	149	577248	18.729	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.78	252	304651	18.356	ng/ul#	97
80) Benzo(a)anthracene	21.86	228	1102015	19.470	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	837524	18.718	ng/ul#	97
82) Chrysene	21.91	228	1028825	19.389	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	1434274	22.438	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	977728	20.375	ng/ul#	96
86) Benzo(k)fluoranthene	23.65	252	989000	21.349	ng/ul#	96
88) Benzo(a)pyrene	24.25	252	914846	20.257	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.91	276	893335	18.344	ng/ul#	82
90) Dibenzo(a,h)anthracene	26.92	278	745194	18.369	ng/ul#	92
91) Benzo(g,h,i)perylene	27.70	276	719654	17.783	ng/ul#	87

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

