

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN040218\
 Data File : BN000691.D
 Acq On : 02 Apr 2018 12:57
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02044

Quant Time: Apr 03 01:49:50 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 30 02:08:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	157669	20.00	ng/ul	0.00
18) Naphthalene-d8	11.24	136	681582	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	379812	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	812692	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	812725	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	803845	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	34229	7.75	ng/uL	0.00
5) Phenol-d5	7.55	99	309167	21.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	183593	21.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	226400	20.36	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	245574	21.43	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	111029	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	119378	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	212924	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	270213	25.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	639892	21.32	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	805734	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	108802	19.53	ng/ul	0.01
57) Fluorene-d10	16.01	176	542512	21.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	68410	14.70	ng/ul	0.00
70) Anthracene-d10	17.85	188	788985	20.20	ng/ul	0.00
76) Pyrene-d10	20.11	212	839668	18.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	773970	20.40	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.62	88	37552	7.900	ng/uL# 88
4) Benzaldehyde	7.53	77	141492	23.593	ng/ul 94
6) Phenol	7.58	94	318280	21.208	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.81	93	252245	21.182	ng/ul 95
10) 2-Chlorophenol	7.97	128	232111	20.439	ng/ul 98
11) 2-Methylphenol	8.85	108	233711	21.234	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.93	45	282752	22.031	ng/ul# 94
14) Acetophenone	9.24	105	379672	22.291	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.21	70	194549	21.839	ng/ul 95
16) 4-Methylphenol	9.18	108	253618	21.523	ng/ul 97
17) Hexachloroethane	9.50	117	95913	20.243	ng/ul# 72
20) Nitrobenzene	9.63	77	286840	20.991	ng/ul 96
21) Isophorone	10.15	82	556022	21.345	ng/ul 97
23) 2-Nitrophenol	10.35	139	129597	21.013	ng/ul 94
24) 2,4-Dimethylphenol	10.40	107	276558	20.816	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.63	93	341631	20.765	ng/ul 98
27) 2,4-Dichlorophenol	10.90	162	206502	20.698	ng/ul# 94
28) Naphthalene	11.30	128	733764	20.500	ng/ul 99
30) 4-Chloroaniline	11.40	127	271027	25.306	ng/ul 100
31) Hexachlorobutadiene	11.56	225	116324	21.040	ng/ul 96
32) Caprolactam	12.14	113	85443	23.427	ng/ul 88
33) 4-Chloro-3-methylphenol	12.51	107	255997	21.826	ng/ul 96
34) 2-Methylnaphthalene	12.88	142	505307	21.146	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	226015	19.807	ng/ul#	94
37) Hexachlorocyclopentadiene	13.21	237	115351	19.387	ng/ul#	98
38) 2,4,6-Trichlorophenol	13.48	196	155923	20.145	ng/ul	98
39) 2,4,5-Trichlorophenol	13.56	196	162965	20.193	ng/ul	97
40) 1,1'-Biphenyl	13.87	154	643518	19.903	ng/ul#	95
41) 2-Chloronaphthalene	13.91	162	494813	19.853	ng/ul	95
42) 2-Nitroaniline	14.11	65	161817	21.428	ng/ul	95
44) Dimethylphthalate	14.46	163	632383	21.306	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	127477	21.313	ng/ul#	88
47) Acenaphthylene	14.75	152	786229	20.274	ng/ul	99
48) 3-Nitroaniline	14.93	138	135662	23.493	ng/ul#	92
49) Acenaphthene	15.09	153	538639	20.372	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	64534	22.870	ng/ul#	79
52) 4-Nitrophenol	15.25	109	88728	20.607	ng/ul	87
53) Dibenzofuran	15.42	168	743903	20.714	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	187727	22.139	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.65	232	127146	20.631	ng/ul#	90
56) Diethylphthalate	15.81	149	674354	22.259	ng/ul	96
58) Fluorene	16.07	166	602400	21.109	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.04	204	279259	21.177	ng/ul#	86
60) 4-Nitroaniline	16.08	138	156784	24.167	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	73072	14.871	ng/ul#	84
64) N-Nitrosodiphenylamine	16.25	169	520380	19.437	ng/ul	99
65) 4-Bromophenyl-phenylether	16.93	248	166628	20.115	ng/ul#	86
66) Hexachlorobenzene	17.06	284	182930	20.914	ng/ul#	83
67) Atrazine	17.18	200	183271	22.697	ng/ul	96
68) Pentachlorophenol	17.41	266	79938	17.311	ng/ul	96
69) Phenanthrene	17.80	178	944980	20.184	ng/ul	99
71) Anthracene	17.88	178	969326	20.191	ng/ul	98
72) Carbazole	18.15	167	886419	21.532	ng/ul#	98
73) Di-n-butylphthalate	18.67	149	1187804	21.217	ng/ul	99
74) Fluoranthene	19.78	202	1064293	22.876	ng/ul#	82
77) Pyrene	20.14	202	1075558	18.119	ng/ul#	77
78) Butylbenzylphthalate	20.98	149	557379	18.903	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.78	252	293700	18.497	ng/ul#	97
80) Benzo(a)anthracene	21.86	228	1038110	19.171	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	804278	18.788	ng/ul#	97
82) Chrysene	21.92	228	973965	19.186	ng/ul	100
84) Di-n-octyl phthalate	22.68	149	1352921	19.996	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	1009061	19.866	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	974817	19.880	ng/ul#	94
88) Benzo(a)pyrene	24.25	252	947328	19.817	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.91	276	973334	18.883	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.92	278	809780	18.858	ng/ul#	91
91) Benzo(g,h,i)perylene	27.71	276	783550	18.292	ng/ul#	88

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

