

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000495.D
 Acq On : 20 Mar 2018 16:44
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02022

Quant Time: Mar 20 23:35:39 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 20 23:34:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	261821	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	1144922	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	588434	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1103472	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	820861	20.00	ng/ul	-0.01
83) Perylene-d12	24.36	264	761056	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	55264	7.54	ng/uL	0.00
5) Phenol-d5	7.55	99	490591	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	286137	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	362126	19.61	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	389359	20.46	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	175871	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	182906	18.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	333583	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	426699	24.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	879463	18.92	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1183078	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	158188	18.33	ng/ul	0.00
57) Fluorene-d10	16.02	176	739629	18.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	112562	17.81	ng/ul	0.00
70) Anthracene-d10	17.86	188	1014253	19.12	ng/ul	0.00
76) Pyrene-d10	20.11	212	926113	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	704526	19.61	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.63	88	59057	7.482	ng/uL#	85
4) Benzaldehyde	7.54	77	217105	21.800	ng/ul	91
6) Phenol	7.58	94	506164	20.311	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.81	93	400330	20.244	ng/ul	96
10) 2-Chlorophenol	7.97	128	371213	19.685	ng/ul	97
11) 2-Methylphenol	8.85	108	371111	20.305	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.94	45	437318	20.519	ng/ul#	93
14) Acetophenone	9.25	105	594971	21.036	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.23	70	297826	20.133	ng/ul	94
16) 4-Methylphenol	9.18	108	401903	20.540	ng/ul	94
17) Hexachloroethane	9.52	117	152110	19.333	ng/ul#	73
20) Nitrobenzene	9.64	77	443642	19.327	ng/ul	94
21) Isophorone	10.16	82	839729	19.191	ng/ul	98
23) 2-Nitrophenol	10.36	139	199850	19.290	ng/ul	90
24) 2,4-Dimethylphenol	10.40	107	433514	19.425	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.64	93	535386	19.373	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	324024	19.334	ng/ul#	94
28) Naphthalene	11.31	128	1166876	19.408	ng/ul	99
30) 4-Chloroaniline	11.41	127	431639	23.992	ng/ul	98
31) Hexachlorobutadiene	11.58	225	176825	19.040	ng/ul	97
32) Caprolactam	12.15	113	115035	18.777	ng/ul	88
33) 4-Chloro-3-methylphenol	12.50	107	381549	19.366	ng/ul	99
34) 2-Methylnaphthalene	12.89	142	782681	19.498	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	13.25	216	340014	19.233	ng/ul#	95
37) Hexachlorocyclopentadiene	13.22	237	152255	16.517	ng/ul	99
38) 2,4,6-Trichlorophenol	13.48	196	228158	19.027	ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	235488	18.834	ng/ul	98
40) 1,1'-Biphenyl	13.87	154	974889	19.462	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	752147	19.479	ng/ul	96
42) 2-Nitroaniline	14.12	65	225018	19.233	ng/ul	97
44) Dimethylphthalate	14.47	163	869028	18.898	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	178003	19.210	ng/ul	91
47) Acenaphthylene	14.76	152	1161211	19.327	ng/ul	100
48) 3-Nitroaniline	14.93	138	184546	20.628	ng/ul#	92
49) Acenaphthene	15.10	153	788734	19.254	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	68455	15.659	ng/ul#	81
52) 4-Nitrophenol	15.22	109	125959	18.882	ng/ul	84
53) Dibenzofuran	15.43	168	1066007	19.160	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	250814	19.092	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.65	232	177253	18.565	ng/ul#	93
56) Diethylphthalate	15.81	149	870024	18.537	ng/ul	95
58) Fluorene	16.07	166	845210	19.117	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.05	204	388160	19.000	ng/ul#	88
60) 4-Nitroaniline	16.08	138	181044	18.012	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.14	198	120615	18.078	ng/ul#	85
64) N-Nitrosodiphenylamine	16.27	169	708961	19.502	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	217452	19.333	ng/ul#	87
66) Hexachlorobenzene	17.07	284	229508	19.325	ng/ul#	82
67) Atrazine	17.19	200	220420	20.104	ng/ul	95
68) Pentachlorophenol	17.41	266	107526	17.150	ng/ul	97
69) Phenanthrene	17.80	178	1213975	19.096	ng/ul	99
71) Anthracene	17.90	178	1240146	19.025	ng/ul	98
72) Carbazole	18.15	167	1089340	19.488	ng/ul	98
73) Di-n-butylphthalate	18.68	149	1332880	17.534	ng/ul	99
74) Fluoranthene	19.78	202	1191965	18.869	ng/ul#	81
77) Pyrene	20.14	202	1195771	19.944	ng/ul#	76
78) Butylbenzylphthalate	20.99	149	541957	18.198	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.78	252	310091	19.336	ng/ul#	98
80) Benzo(a)anthracene	21.87	228	1012103	18.505	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	737176	17.050	ng/ul#	96
82) Chrysene	21.92	228	940236	18.338	ng/ul	100
84) Di-n-octyl phthalate	22.70	149	1195707	18.666	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	914218	19.011	ng/ul#	94
86) Benzo(k)fluoranthene	23.65	252	887095	19.108	ng/ul#	93
88) Benzo(a)pyrene	24.25	252	872230	19.272	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.92	276	977161	20.023	ng/ul#	79
90) Dibenzo(a,h)anthracene	26.93	278	812762	19.991	ng/ul#	91
91) Benzo(g,h,i)perylene	27.71	276	811456	20.009	ng/ul#	84

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

