

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000579.D
 Acq On : 23 Mar 2018 15:58
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

Quant Time: Mar 23 18:40:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 17:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	163141	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	709394	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	391627	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	834419	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	775498	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	658551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	35471	7.77	ng/uL	-0.01
5) Phenol-d5	7.55	99	305228	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	177715	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	224751	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	240451	20.28	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	104990	18.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	109945	18.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	209674	19.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	275480	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	621645	20.09	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	793011	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	104330	18.16	ng/ul	0.00
57) Fluorene-d10	16.01	176	523378	19.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	73373	15.35	ng/ul	0.00
70) Anthracene-d10	17.85	188	776834	19.37	ng/ul	0.00
76) Pyrene-d10	20.11	212	813876	19.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	614681	19.78	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.63	88	38571	7.842	ng/uL# 86
4) Benzaldehyde	7.53	77	127663	20.573	ng/ul 90
6) Phenol	7.58	94	314427	20.249	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.81	93	246783	20.028	ng/ul 96
10) 2-Chlorophenol	7.97	128	231590	19.710	ng/ul 98
11) 2-Methylphenol	8.85	108	227872	20.009	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.93	45	273859	20.622	ng/ul 95
14) Acetophenone	9.24	105	370817	21.041	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.22	70	184235	19.988	ng/ul 94
16) 4-Methylphenol	9.18	108	250203	20.521	ng/ul 98
17) Hexachloroethane	9.51	117	93696	19.112	ng/ul# 69
20) Nitrobenzene	9.64	77	275861	19.396	ng/ul 95
21) Isophorone	10.15	82	523163	19.296	ng/ul 98
23) 2-Nitrophenol	10.35	139	121181	18.878	ng/ul 94
24) 2,4-Dimethylphenol	10.40	107	269998	19.526	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.63	93	335630	19.601	ng/ul 98
27) 2,4-Dichlorophenol	10.90	162	205542	19.794	ng/ul# 96
28) Naphthalene	11.30	128	732317	19.658	ng/ul 99
30) 4-Chloroaniline	11.40	127	280513	25.165	ng/ul 98
31) Hexachlorobutadiene	11.57	225	112494	19.550	ng/ul 97
32) Caprolactam	12.15	113	76619	20.184	ng/ul 88
33) 4-Chloro-3-methylphenol	12.50	107	252714	20.701	ng/ul 98
34) 2-Methylnaphthalene	12.88	142	500711	20.132	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	223675	19.011	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	104903	17.099	ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	148390	18.594	ng/ul	97
39) 2,4,5-Trichlorophenol	13.55	196	156670	18.827	ng/ul	97
40) 1,1'-Biphenyl	13.87	154	643901	19.314	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	495113	19.266	ng/ul	96
42) 2-Nitroaniline	14.12	65	148914	19.125	ng/ul	97
44) Dimethylphthalate	14.47	163	619145	20.231	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	121830	19.755	ng/ul	91
47) Acenaphthylene	14.76	152	782008	19.557	ng/ul	99
48) 3-Nitroaniline	14.93	138	126377	21.225	ng/ul#	92
49) Acenaphthene	15.10	153	531100	19.480	ng/ul	98
50) 2,4-Dinitrophenol	15.14	184	39180	13.466	ng/ul#	83
52) 4-Nitrophenol	15.23	109	85880	19.344	ng/ul	86
53) Dibenzofuran	15.42	168	739147	19.961	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	180431	20.637	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.65	232	122493	19.276	ng/ul#	91
56) Diethylphthalate	15.81	149	641356	20.532	ng/ul	95
58) Fluorene	16.07	166	594817	20.214	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.05	204	275839	20.287	ng/ul#	85
60) 4-Nitroaniline	16.08	138	128154	19.158	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	78361	15.532	ng/ul#	85
64) N-Nitrosodiphenylamine	16.26	169	513587	18.683	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	161573	18.997	ng/ul#	86
66) Hexachlorobenzene	17.07	284	174300	19.409	ng/ul#	84
67) Atrazine	17.19	200	174832	21.088	ng/ul	95
68) Pentachlorophenol	17.41	266	77959	16.443	ng/ul	96
69) Phenanthrene	17.80	178	934870	19.448	ng/ul	99
71) Anthracene	17.89	178	951777	19.310	ng/ul	98
72) Carbazole	18.15	167	866256	20.494	ng/ul#	97
73) Di-n-butylphthalate	18.67	149	1076719	18.732	ng/ul	99
74) Fluoranthene	19.78	202	1029661	21.555	ng/ul#	83
77) Pyrene	20.14	202	1041107	18.381	ng/ul#	77
78) Butylbenzylphthalate	20.99	149	508248	18.065	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.79	252	291523	19.242	ng/ul#	98
80) Benzo(a)anthracene	21.87	228	961975	18.617	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	735698	18.011	ng/ul#	96
82) Chrysene	21.93	228	900853	18.597	ng/ul	100
84) Di-n-octyl phthalate	22.70	149	1218314	21.979	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	849034	20.404	ng/ul#	95
86) Benzo(k)fluoranthene	23.67	252	804856	20.035	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	764307	19.516	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.94	276	728330	17.247	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.94	278	613364	17.435	ng/ul#	92
91) Benzo(g,h,i)perylene	27.72	276	587933	16.754	ng/ul#	87

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

