

Data Path : Z:\HPCHEM1\BNA_N\Data\BN022318\
 Data File : BN000176.D
 Acq On : 23 Feb 2018 16:54
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02084

Quant Time: Feb 23 17:30:50 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN022018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 10:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	125312	20.00	ng/ul	0.00
18) Naphthalene-d8	11.29	136	620045	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.06	164	361783	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.78	188	793878	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	925356	20.00	ng/ul	0.00
86) Perylene-d12	24.37	264	1029211	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	23790	7.88	ng/uL	0.00
5) Phenol-d5	7.58	99	233614	18.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.76	67	144507	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	165905	19.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.15	113	188497	18.42	ng/ul	0.00
19) Nitrobenzene-d5	9.63	128	76151	18.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.36	143	66677	17.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.90	165	161819	18.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.42	131	222893	23.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.45	166	532964	19.37	ng/ul	0.00
47) Acenaphthylene-d8	14.76	160	694040	19.63	ng/ul	0.00
52) 4-Nitrophenol-d4	15.22	143	96488	17.66	ng/ul	0.00
58) Fluorene-d10	16.04	176	481071	19.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.14	200	53297	14.96	ng/ul	0.00
71) Anthracene-d10	17.88	188	729364	19.58	ng/ul	0.00
79) Pyrene-d10	20.13	212	808373	18.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.21	264	911433	19.54	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.65	88	24748	7.436	ng/uL# 90
4) Benzaldehyde	7.57	77	92403	22.156	ng/ul 93
6) Phenol	7.60	94	258928	19.306	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.85	93	201031	19.812	ng/ul 94
10) 2-Chlorophenol	8.00	128	179548	19.538	ng/ul 96
11) 2-Methylphenol	8.89	108	181031	18.585	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.98	45	220788	20.088	ng/ul# 92
14) Acetophenone	9.28	105	323631	20.133	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.26	70	137883	18.996	ng/ul 93
16) 4-Methylphenol	9.21	108	208299	19.085	ng/ul 98
17) Hexachloroethane	9.56	117	67121	19.109	ng/ul# 67
20) Nitrobenzene	9.68	77	221249	19.618	ng/ul 95
21) Isophorone	10.19	82	399033	18.714	ng/ul 98
23) 2-Nitrophenol	10.39	139	83810	18.462	ng/ul 96
24) 2,4-Dimethylphenol	10.43	107	227239	19.262	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.67	93	283385	19.465	ng/ul 98
27) 2,4-Dichlorophenol	10.92	162	168061	19.345	ng/ul# 95
28) Naphthalene	11.35	128	651891	19.882	ng/ul 99
30) 4-Chloroaniline	11.44	127	235516	23.495	ng/ul 96
31) Hexachlorobutadiene	11.62	225	90087	19.577	ng/ul 96
32) Caprolactam	12.17	113	50530	15.344	ng/ul 91
33) 4-Chloro-3-methylphenol	12.52	107	201063	18.853	ng/ul 95
34) 2-Methylnaphthalene	12.92	142	451036	19.738	ng/ul 97

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35) 1-Methylnaphthalene	13.13	142	457355	19.945	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	13.28	216	192667	19.426	ng/ul#	94
38) Hexachlorocyclopentadiene	13.26	237	79214	16.502	ng/ul	98
39) 2,4,6-Trichlorophenol	13.50	196	111363	17.810	ng/ul	98
40) 2,4,5-Trichlorophenol	13.57	196	125300	18.643	ng/ul	98
41) 1,1'-Biphenyl	13.90	154	580473	19.585	ng/ul#	94
42) 2-Chloronaphthalene	13.95	162	447177	19.646	ng/ul	96
43) 2-Nitroaniline	14.15	65	106786	18.321	ng/ul	97
45) Dimethylphthalate	14.50	163	545258	19.509	ng/ul#	98
46) 2,6-Dinitrotoluene	14.62	165	85529	18.317	ng/ul#	78
48) Acenaphthylene	14.79	152	716989	19.984	ng/ul	99
49) 3-Nitroaniline	14.95	138	104695	18.735	ng/ul#	93
50) Acenaphthene	15.13	153	502216	19.848	ng/ul	99
51) 2,4-Dinitrophenol	15.15	184	29990	13.846	ng/ul#	45
53) 4-Nitrophenol	15.23	109	86260	18.715	ng/ul	86
54) Dibenzofuran	15.46	168	700855	19.955	ng/ul	100
55) 2,4-Dinitrotoluene	15.40	165	140600	19.467	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.67	232	99997	18.443	ng/ul#	97
57) Diethylphthalate	15.84	149	553373	19.652	ng/ul	94
59) Fluorene	16.10	166	569484	20.196	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.08	204	254822	20.008	ng/ul#	86
61) 4-Nitroaniline	16.10	138	122796	18.367	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	16.15	198	60699	15.733	ng/ul#	77
65) N-Nitrosodiphenylamine	16.29	169	475867	19.274	ng/ul	100
66) 4-Bromophenyl-phenylether	16.97	248	132651	18.363	ng/ul#	85
67) Hexachlorobenzene	17.09	284	152392	18.933	ng/ul#	79
68) Atrazine	17.22	200	134883	18.071	ng/ul	96
69) Pentachlorophenol	17.43	266	69069	15.815	ng/ul	97
70) Phenanthrene	17.82	178	911720	19.629	ng/ul	99
72) Anthracene	17.92	178	935941	19.789	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.87	216	196358	18.719	ng/uL	99
74) Pentachlorobenzene	15.37	250	191645	19.087	ng/uL	99
75) Carbazole	18.17	167	862275	20.346	ng/ul	98
76) Di-n-butylphthalate	18.70	149	877233	19.079	ng/ul	99
77) Fluoranthene	19.80	202	995813	20.479	ng/ul#	80
80) Pyrene	20.16	202	1091564	18.741	ng/ul#	77
81) Butylbenzylphthalate	21.01	149	388302	17.231	ng/ul#	82
82) 3,3'-Dichlorobenzidine	21.80	252	315638	18.945	ng/ul#	97
83) Benzo(a)anthracene	21.87	228	1120841	19.635	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.77	149	582212	17.195	ng/ul#	95
85) Chrysene	21.93	228	1074205	19.465	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	1047632	16.683	ng/ul	100
88) Benzo(b)fluoranthene	23.62	252	1173071	19.628	ng/ul#	95
89) Benzo(k)fluoranthene	23.66	252	1166736	19.785	ng/ul#	95
91) Benzo(a)pyrene	24.26	252	1200568	20.146	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.92	276	1423191	20.428	ng/ul#	80
93) Dibenzo(a,h)anthracene	26.93	278	1188867	20.471	ng/ul#	90
94) Benzo(g,h,i)perylene	27.71	276	1200706	20.659	ng/ul#	85

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

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