

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061918\
 Data File : BN001872.D
 Acq On : 19 Jun 2018 12:25
 Operator : JU/SJ
 Sample : SSTD02083
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02083

Quant Time: Jun 19 13:02:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 19 13:01:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	453360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2057656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1266128	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2961805	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3074737	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2806807	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	84035	6.62	ng/uL	0.00
5) Phenol-d5	6.89	99	820063	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	506585	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	654026	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	657850	19.97	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	309568	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	318782	18.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	686107	22.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	692942	21.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	2148989	21.48	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	2670771	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	386300	20.80	ng/ul	0.00
57) Fluorene-d10	15.34	176	1858874	21.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	299777	17.67	ng/ul	0.00
70) Anthracene-d10	17.19	188	2894743	20.33	ng/ul	0.00
76) Pyrene-d10	19.49	212	3210412	18.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3118245	23.54	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	84554	6.187	ng/uL# 78
4) Benzaldehyde	6.87	77	528751	30.662	ng/ul 92
6) Phenol	6.92	94	833716	19.321	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.15	93	647517	18.910	ng/ul 95
10) 2-Chlorophenol	7.29	128	652100	19.971	ng/ul 98
11) 2-Methylphenol	8.16	108	634357	20.045	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	1027558	27.844	ng/ul 95
14) Acetophenone	8.53	105	1037036	21.175	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.52	70	531348	20.744	ng/ul 93
16) 4-Methylphenol	8.48	108	702536	20.735	ng/ul 94
17) Hexachloroethane	8.79	117	257774	18.921	ng/ul 86
20) Nitrobenzene	8.90	77	748081	18.134	ng/ul 92
21) Isophorone	9.43	82	1504576	19.132	ng/ul 97
23) 2-Nitrophenol	9.61	139	355111	19.072	ng/ul 94
24) 2,4-Dimethylphenol	9.68	107	782679	19.514	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.92	93	929553	18.715	ng/ul 96
27) 2,4-Dichlorophenol	10.14	162	665437	22.093	ng/ul 99
28) Naphthalene	10.54	128	2191003	20.277	ng/ul 99
30) 4-Chloroaniline	10.65	127	690773	21.364	ng/ul 97
31) Hexachlorobutadiene	10.83	225	398533	23.878	ng/ul 98
32) Caprolactam	11.40	113	227226	20.637	ng/ul# 82
33) 4-Chloro-3-methylphenol	11.78	107	738317	20.851	ng/ul 95
34) 2-Methylnaphthalene	12.16	142	1591403	22.059	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	819355	21.540	ng/ul#	96
37) Hexachlorocyclopentadiene	12.51	237	490202	24.714	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.77	196	543611	21.069	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	584183	21.714	ng/ul	99
40) 1,1'-Biphenyl	13.18	154	2111483	19.590	ng/ul#	95
41) 2-Chloronaphthalene	13.22	162	1636619	19.698	ng/ul	98
42) 2-Nitroaniline	13.42	65	476992	18.948	ng/ul	98
44) Dimethylphthalate	13.81	163	2112087	21.346	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	413815	20.755	ng/ul	97
47) Acenaphthylene	14.07	152	2592121	20.051	ng/ul	99
48) 3-Nitroaniline	14.25	138	380114	19.746	ng/ul#	98
49) Acenaphthene	14.41	153	1769496	20.076	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	168492	17.912	ng/ul#	83
52) 4-Nitrophenol	14.56	109	290995	20.274	ng/ul#	76
53) Dibenzofuran	14.75	168	2535988	21.183	ng/ul	97
54) 2,4-Dinitrotoluene	14.71	165	613267	21.696	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	14.97	232	511856	24.915	ng/ul#	82
56) Diethylphthalate	15.18	149	2147765	21.267	ng/ul	97
58) Fluorene	15.40	166	2035767	21.399	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	1009034	22.954	ng/ul	93
60) 4-Nitroaniline	15.42	138	475695	21.996	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.47	198	324995	18.148	ng/ul	99
64) N-Nitrosodiphenylamine	15.61	169	1794395	18.390	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	652071	21.599	ng/ul	96
66) Hexachlorobenzene	16.40	284	730211	22.907	ng/ul#	91
67) Atrazine	16.57	200	658452	22.375	ng/ul	99
68) Pentachlorophenol	16.75	266	384280	22.835	ng/ul	97
69) Phenanthrene	17.13	178	3352199	19.646	ng/ul	99
71) Anthracene	17.23	178	3436525	19.642	ng/ul	98
72) Carbazole	17.49	167	3068637	20.453	ng/ul	98
73) Di-n-butylphthalate	18.07	149	3738097	18.321	ng/ul	100
74) Fluoranthene	19.16	202	3933019	23.196	ng/ul#	90
77) Pyrene	19.52	202	4030876	17.949	ng/ul#	88
78) Butylbenzylphthalate	20.44	149	1705185	15.286	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.22	252	1158583	19.287	ng/ul#	99
80) Benzo(a)anthracene	21.27	228	3941590	19.240	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.23	149	2559939	15.807	ng/ul	99
82) Chrysene	21.33	228	3650477	19.007	ng/ul	99
84) Di-n-octyl phthalate	22.12	149	4288143	18.151	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	3647304	20.565	ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	3585301	20.940	ng/ul#	97
88) Benzo(a)pyrene	23.43	252	3347475	20.055	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.77	276	3366565	18.705	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.78	278	2809554	18.738	ng/ul#	94
91) Benzo(g,h,i)perylene	26.44	276	2741156	18.327	ng/ul#	92

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

