

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071318\
 Data File : BN002029.D
 Acq On : 13 Jul 2018 12:08
 Operator : JU/SJ
 Sample : SSTD01002
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD01002

Quant Time: Jul 13 13:19:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 13 13:14:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	410358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1883226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1140122	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2625279	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	2801186	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	2931237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	37192	4.36	ng/uL	0.00
5) Phenol-d5	6.89	99	380881	11.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	244682	11.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	303957	11.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	310824	11.63	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	157795	13.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	174724	16.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	320093	11.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	376752	11.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1014030	11.26	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1256296	10.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	183609	12.56	ng/ul	0.00
57) Fluorene-d10	15.33	176	870811	11.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	156349	13.95	ng/ul	0.00
70) Anthracene-d10	17.19	188	1343077	10.86	ng/ul	0.00
78) Pyrene-d10	19.49	212	1494163	10.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1643278	11.42	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.29	88	37462	4.079	ng/ul 91
4) Benzaldehyde	6.86	77	259734	13.882	ng/ul 95
6) Phenol	6.92	94	386089	12.081	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.14	93	307085	12.158	ng/ul 88
10) 2-Chlorophenol	7.28	128	304107	11.405	ng/ul# 90
11) 2-Methylphenol	8.15	108	298685	12.274	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	510732	10.908	ng/ul# 85
14) Acetophenone	8.52	105	492667	12.458	ng/ul# 92
15) N-Nitroso-di-n-propylamine	8.50	70	264663	12.509	ng/ul# 87
16) 4-Methylphenol	8.48	108	328301	12.552	ng/ul 100
17) Hexachloroethane	8.77	117	123207	11.402	ng/ul 96
20) Nitrobenzene	8.90	77	366555	11.868	ng/ul 95
21) Isophorone	9.42	82	733272	12.159	ng/ul 97
23) 2-Nitrophenol	9.60	139	179615	14.165	ng/ul 90
24) 2,4-Dimethylphenol	9.67	107	366476	11.440	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.90	93	444144	11.970	ng/ul 99
27) 2,4-Dichlorophenol	10.13	162	310592	11.905	ng/ul 99
28) Naphthalene	10.53	128	1024929	11.164	ng/ul 100
30) 4-Chloroaniline	10.65	127	367939	12.245	ng/ul 100
31) Hexachlorobutadiene	10.82	225	186467	10.709	ng/ul 97
32) Caprolactam	11.40	113	116074	14.860	ng/ul# 53
33) 4-Chloro-3-methylphenol	11.78	107	344042	12.396	ng/ul 93
34) 2-Methylnaphthalene	12.15	142	756150	11.545	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	383054	10.584	ng/ul	97
37) Hexachlorocyclopentadiene	12.50	237	224880	9.324	ng/ul	97
38) 2,4,6-Trichlorophenol	12.77	196	256713	11.942	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	273049	12.126	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	991991	10.865	ng/ul	99
41) 2-Chloronaphthalene	13.21	162	767098	10.841	ng/ul	96
42) 2-Nitroaniline	13.42	65	237069	14.379	ng/ul	87
44) Dimethylphthalate	13.80	163	985124	11.350	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	200480	14.301	ng/ul	97
47) Acenaphthylene	14.06	152	1216433	11.209	ng/ul	99
48) 3-Nitroaniline	14.25	138	194536	13.737	ng/ul	95
49) Acenaphthene	14.40	153	827894	10.926	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	92100	15.180	ng/ul#	1
52) 4-Nitrophenol	14.57	109	129381	11.642	ng/ul#	77
53) Dibenzofuran	14.74	168	1185434	11.401	ng/ul	94
54) 2,4-Dinitrotoluene	14.71	165	296591	14.656	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.97	232	238519	12.451	ng/ul	98
56) Diethylphthalate	15.17	149	1001771	11.536	ng/ul	99
58) Fluorene	15.39	166	957205	11.302	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	472061	10.882	ng/ul	92
60) 4-Nitroaniline	15.41	138	240752	15.051	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.48	198	168396	13.921	ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	838537	10.691	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	295850	10.052	ng/ul	91
66) Hexachlorobenzene	16.40	284	329321	10.007	ng/ul	91
67) Atrazine	16.56	200	307041	11.239	ng/ul	97
68) Pentachlorophenol	16.75	266	168023	9.715	ng/ul	98
69) Phenanthrene	17.13	178	1561390	11.101	ng/ul	100
71) Anthracene	17.22	178	1600122	11.173	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	398150	9.892	ng/ul	99
73) Pentachlorobenzene	14.66	250	376234	9.703	ng/ul	99
74) Carbazole	17.49	167	1436951	12.120	ng/ul	99
75) Di-n-butylphthalate	18.06	149	1789491	12.158	ng/ul	99
76) Fluoranthene	19.15	202	1850531	12.721	ng/ul	97
79) Pyrene	19.52	202	1885453	10.773	ng/ul	96
80) Butylbenzylphthalate	20.43	149	864185	14.108	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.21	252	615996	12.150	ng/ul	99
82) Benzo(a)anthracene	21.27	228	1872682	11.401	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	1264385	13.842	ng/ul#	96
84) Chrysene	21.33	228	1762724	11.491	ng/ul	99
86) Di-n-octyl phthalate	22.10	149	2197494	12.782	ng/ul#	92
87) Benzo(b)fluoranthene	22.86	252	1841860	10.474	ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	1832401	10.828	ng/ul	100
90) Benzo(a)pyrene	23.43	252	1814978	11.027	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.77	276	2112067	11.442	ng/ul	99
92) Dibenzo(a,h)anthracene	25.79	278	1781499	11.509	ng/ul	99
93) Benzo(g,h,i)perylene	26.46	276	1763288	11.750	ng/ul	100

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

