

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002007.D
 Acq On : 11 Jul 2018 13:05
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02095

Quant Time: Jul 11 18:34:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 10 01:03:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	370085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1823349	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1162403	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	2786531	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3070260	20.00	ng/ul	-0.02
83) Perylene-d12	23.52	264	3253228	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	64349	7.55	ng/uL	0.00
5) Phenol-d5	6.88	99	688513	20.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	430083	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	536827	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	564409	21.04	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	275925	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	302796	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	587142	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	794457	25.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1898136	19.34	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2376320	19.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	362620	20.05	ng/ul	0.00
57) Fluorene-d10	15.33	176	1662337	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	311879	20.55	ng/ul	0.00
70) Anthracene-d10	17.18	188	2599558	19.31	ng/ul	0.00
76) Pyrene-d10	19.48	212	2937028	18.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3467950	19.60	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.30	88	68052	7.752	ng/uL# 74
4) Benzaldehyde	6.86	77	444689	21.748	ng/ul 92
6) Phenol	6.91	94	702439	20.798	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.14	93	541632	20.687	ng/ul 94
10) 2-Chlorophenol	7.28	128	541060	20.130	ng/ul 100
11) 2-Methylphenol	8.15	108	539141	20.869	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.23	45	912278	22.212	ng/ul 94
14) Acetophenone	8.52	105	894349	21.707	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.50	70	472955	22.257	ng/ul 92
16) 4-Methylphenol	8.47	108	602281	21.394	ng/ul 99
17) Hexachloroethane	8.78	117	208945	19.716	ng/ul 87
20) Nitrobenzene	8.89	77	663916	19.975	ng/ul 92
21) Isophorone	9.42	82	1344517	20.597	ng/ul 97
23) 2-Nitrophenol	9.60	139	324853	21.274	ng/ul# 93
24) 2,4-Dimethylphenol	9.66	107	677095	19.701	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.90	93	818250	19.900	ng/ul 98
27) 2,4-Dichlorophenol	10.13	162	571897	19.676	ng/ul 97
28) Naphthalene	10.53	128	1860368	19.228	ng/ul 98
30) 4-Chloroaniline	10.64	127	788590	25.762	ng/ul 98
31) Hexachlorobutadiene	10.82	225	332935	18.758	ng/ul 97
32) Caprolactam	11.39	113	214660	21.208	ng/ul# 76
33) 4-Chloro-3-methylphenol	11.77	107	658123	20.541	ng/ul 95
34) 2-Methylnaphthalene	12.15	142	1387075	19.764	ng/ul 99

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36) 1,2,4,5-Tetrachlorobenzene	12.52	216	701328	18.576	ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	405483	17.615	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.76	196	477202	19.379	ng/ul	100
39) 2,4,5-Trichlorophenol	12.83	196	513141	19.570	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	1839573	19.052	ng/ul#	95
41) 2-Chloronaphthalene	13.20	162	1443479	19.152	ng/ul	99
42) 2-Nitroaniline	13.41	65	453877	21.585	ng/ul	96
44) Dimethylphthalate	13.80	163	1864070	19.321	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	389586	21.386	ng/ul	99
47) Acenaphthylene	14.06	152	2285260	19.537	ng/ul	99
48) 3-Nitroaniline	14.24	138	407764	23.316	ng/ul	98
49) Acenaphthene	14.40	153	1557212	19.191	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	196970	21.074	ng/ul#	89
52) 4-Nitrophenol	14.56	109	257906	19.180	ng/ul#	70
53) Dibenzofuran	14.73	168	2235538	19.204	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	579025	21.378	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.96	232	463222	20.016	ng/ul#	83
56) Diethylphthalate	15.17	149	1915843	19.595	ng/ul	97
58) Fluorene	15.39	166	1815091	19.544	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	889939	19.128	ng/ul	93
60) 4-Nitroaniline	15.41	138	460932	21.348	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.47	198	333255	20.686	ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	1593330	19.120	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	573199	18.937	ng/ul	95
66) Hexachlorobenzene	16.39	284	641274	18.811	ng/ul#	93
67) Atrazine	16.56	200	595262	19.586	ng/ul	100
68) Pentachlorophenol	16.73	266	367355	19.486	ng/ul	98
69) Phenanthrene	17.13	178	3024332	19.267	ng/ul	99
71) Anthracene	17.22	178	3098564	19.501	ng/ul	98
72) Carbazole	17.49	167	2801690	21.050	ng/ul	98
73) Di-n-butylphthalate	18.06	149	3419624	20.347	ng/ul	100
74) Fluoranthene	19.15	202	3639552	22.058	ng/ul#	89
77) Pyrene	19.51	202	3719919	19.361	ng/ul#	85
78) Butylbenzylphthalate	20.42	149	1684199	20.542	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	1354511	23.248	ng/ul#	98
80) Benzo(a)anthracene	21.26	228	3809839	19.634	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.21	149	2480076	20.285	ng/ul	99
82) Chrysene	21.32	228	3549969	19.663	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	4377091	20.288	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	3964064	19.292	ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	3744157	18.791	ng/ul#	97
88) Benzo(a)pyrene	23.42	252	3738128	19.468	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.75	276	4047868	19.812	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.76	278	3447029	20.272	ng/ul#	95
91) Benzo(g,h,i)perylene	26.43	276	3267202	19.385	ng/ul#	91

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

