

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
 Data File : BN002630.D
 Acq On : 11 Sep 2018 16:13
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02036

Quant Time: Sep 12 07:13:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 12 07:13:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	144441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	647452	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	398585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	942135	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1040872	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1048484	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	22988	7.51	ng/uL	0.00
5) Phenol-d5	6.85	99	253110	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	156569	18.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	202162	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	201489	19.03	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	101134	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	116124	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	210186	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	250886	23.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	680742	20.60	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	833855	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	112245	17.97	ng/ul	0.00
57) Fluorene-d10	15.29	176	585148	20.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	123137	20.53	ng/ul	0.00
70) Anthracene-d10	17.15	188	918263	20.40	ng/ul	0.00
78) Pyrene-d10	19.45	212	1028757	20.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1120696	20.44	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.26	88	24116	7.366	ng/uL 94
4) Benzaldehyde	6.82	77	162889	17.902	ng/ul 96
6) Phenol	6.88	94	254782	18.890	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.09	93	193508	18.873	ng/ul# 87
10) 2-Chlorophenol	7.23	128	201328	19.823	ng/ul# 92
11) 2-Methylphenol	8.10	108	194689	19.126	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	320894	18.897	ng/ul# 85
14) Acetophenone	8.48	105	315175	18.620	ng/ul# 91
15) N-Nitroso-di-n-propylamine	8.46	70	164422	18.409	ng/ul# 86
16) 4-Methylphenol	8.43	108	211838	19.129	ng/ul 99
17) Hexachloroethane	8.72	117	81378	19.128	ng/ul 97
20) Nitrobenzene	8.85	77	241169	19.554	ng/ul 95
21) Isophorone	9.37	82	471528	19.832	ng/ul 99
23) 2-Nitrophenol	9.56	139	121583	21.343	ng/ul 90
24) 2,4-Dimethylphenol	9.62	107	242193	20.733	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.85	93	278330	19.869	ng/ul 99
27) 2,4-Dichlorophenol	10.09	162	204410	21.197	ng/ul 97
28) Naphthalene	10.48	128	668249	20.060	ng/ul 99
30) 4-Chloroaniline	10.60	127	256725	23.589	ng/ul 97
31) Hexachlorobutadiene	10.76	225	123413	20.330	ng/ul 98
32) Caprolactam	11.35	113	75919	20.957	ng/ul# 65
33) 4-Chloro-3-methylphenol	11.73	107	232648	20.966	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	493380	20.067	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	248049	20.545	ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	111761	15.239	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	165245	21.256	ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	181233	21.787	ng/ul	98
40) 1,1'-Biphenyl	13.12	154	640265	20.066	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	500924	20.139	ng/ul	97
42) 2-Nitroaniline	13.38	65	162259	20.482	ng/ul#	80
44) Dimethylphthalate	13.76	163	663616	20.478	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	137919	21.065	ng/ul	99
47) Acenaphthylene	14.01	152	779565	20.200	ng/ul	99
48) 3-Nitroaniline	14.21	138	133977	21.507	ng/ul	96
49) Acenaphthene	14.36	153	548139	20.135	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	69701	17.794	ng/ul#	1
52) 4-Nitrophenol	14.53	109	84483	17.846	ng/ul#	82
53) Dibenzofuran	14.69	168	770941	20.074	ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	206403	20.909	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.93	232	155564	21.417	ng/ul	96
56) Diethylphthalate	15.13	149	689664	20.859	ng/ul	99
58) Fluorene	15.35	166	642677	20.453	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	318129	20.514	ng/ul	92
60) 4-Nitroaniline	15.37	138	160721	19.964	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.45	198	125372	20.261	ng/ul	98
64) N-Nitrosodiphenylamine	15.56	169	565222	20.531	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	200777	20.889	ng/ul	89
66) Hexachlorobenzene	16.36	284	221219	20.624	ng/ul	90
67) Atrazine	16.52	200	214147	21.277	ng/ul	96
68) Pentachlorophenol	16.70	266	110183	18.351	ng/ul	98
69) Phenanthrene	17.09	178	1052045	20.256	ng/ul	99
71) Anthracene	17.17	178	1077182	20.449	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	268671	20.394	ng/ul	100
73) Pentachlorobenzene	14.62	250	254651	20.281	ng/ul	100
74) Carbazole	17.45	167	976120	20.896	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1239237	21.822	ng/ul	99
76) Fluoranthene	19.11	202	1268002	21.450	ng/ul	100
79) Pvrene	19.47	202	1285528	20.483	ng/ul	100
80) Butylbenzylphthalate	20.38	149	592325	22.274	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.17	252	448742	21.633	ng/ul	99
82) Benzo(a)anthracene	21.23	228	1305275	20.469	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	891423	22.348	ng/ul#	97
84) Chrysene	21.28	228	1217342	20.170	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1515523	22.745	ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	1271127	20.225	ng/ul	98
88) Benzo(k)fluoranthene	22.85	252	1255617	21.207	ng/ul	100
90) Benzo(a)pyrene	23.37	252	1219951	20.377	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	1308471	18.371	ng/ul	99
92) Dibenzo(a,h)anthracene	25.69	278	1105068	18.559	ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	1059880	17.835	ng/ul	98

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

