

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002583.D
 Acq On : 05 Sep 2018 15:05
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02029

Quant Time: Sep 06 05:08:29 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 05 01:39:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	123675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	565091	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	356220	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	882023	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	995124	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	938864	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	20204	7.71	ng/uL	0.00
5) Phenol-d5	6.85	99	217789	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	133942	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	175167	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	174129	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	83985	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	96085	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	182257	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	221137	23.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	606298	20.53	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	741916	20.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	97108	17.40	ng/ul	0.00
57) Fluorene-d10	15.29	176	533912	20.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	99461	17.71	ng/ul	0.00
70) Anthracene-d10	17.15	188	864402	20.51	ng/ul	0.00
78) Pyrene-d10	19.45	212	989172	20.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1000117	20.37	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	24394	8.702	ng/uL# 79
4) Benzaldehyde	6.82	77	139656	17.926	ng/ul 93
6) Phenol	6.88	94	223380	19.343	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.10	93	167954	19.131	ng/ul# 87
10) 2-Chlorophenol	7.23	128	177387	20.398	ng/ul# 90
11) 2-Methylphenol	8.11	108	166730	19.130	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	276761	19.035	ng/ul# 86
14) Acetophenone	8.48	105	274641	18.949	ng/ul# 90
15) N-Nitroso-di-n-propylamine	8.46	70	141696	18.528	ng/ul# 82
16) 4-Methylphenol	8.43	108	183494	19.352	ng/ul 100
17) Hexachloroethane	8.72	117	69896	19.188	ng/ul 98
20) Nitrobenzene	8.85	77	206425	19.176	ng/ul 94
21) Isophorone	9.37	82	406597	19.594	ng/ul 98
23) 2-Nitrophenol	9.56	139	102103	20.536	ng/ul# 87
24) 2,4-Dimethylphenol	9.62	107	214662	21.054	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.86	93	240838	19.699	ng/ul 98
27) 2,4-Dichlorophenol	10.09	162	179764	21.359	ng/ul 99
28) Naphthalene	10.48	128	582849	20.047	ng/ul 99
30) 4-Chloroaniline	10.60	127	222426	23.416	ng/ul 98
31) Hexachlorobutadiene	10.76	225	109207	20.612	ng/ul 96
32) Caprolactam	11.35	113	65384	20.679	ng/ul# 48
33) 4-Chloro-3-methylphenol	11.73	107	208616	21.540	ng/ul 98
34) 2-Methylnaphthalene	12.10	142	434149	20.232	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	219056	20.301	ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	98688	15.057	ng/ul	95
38) 2,4,6-Trichlorophenol	12.72	196	143969	20.722	ng/ul	95
39) 2,4,5-Trichlorophenol	12.80	196	152009	20.447	ng/ul	99
40) 1,1'-Biphenyl	13.12	154	576801	20.227	ng/ul	100
41) 2-Chloronaphthalene	13.16	162	447803	20.145	ng/ul	96
42) 2-Nitroaniline	13.37	65	140999	19.915	ng/ul#	81
44) Dimethylphthalate	13.76	163	595153	20.550	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	118604	20.270	ng/ul	93
47) Acenaphthylene	14.02	152	702847	20.378	ng/ul	99
48) 3-Nitroaniline	14.21	138	121022	21.738	ng/ul	92
49) Acenaphthene	14.36	153	497658	20.455	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	48434	13.835	ng/ul#	1
52) 4-Nitrophenol	14.53	109	78437	18.540	ng/ul#	88
53) Dibenzofuran	14.70	168	697988	20.335	ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	187642	21.269	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.93	232	138992	21.411	ng/ul	98
56) Diethylphthalate	15.13	149	614051	20.781	ng/ul	99
58) Fluorene	15.35	166	590338	21.022	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	289816	20.910	ng/ul	93
60) 4-Nitroaniline	15.38	138	146478	20.359	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.44	198	105534	18.217	ng/ul#	93
64) N-Nitrosodiphenylamine	15.56	169	516860	20.054	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	179168	19.912	ng/ul	95
66) Hexachlorobenzene	16.36	284	200651	19.981	ng/ul	93
67) Atrazine	16.52	200	195582	20.757	ng/ul	98
68) Pentachlorophenol	16.70	266	92170	16.397	ng/ul	97
69) Phenanthrene	17.09	178	992161	20.405	ng/ul	99
71) Anthracene	17.18	178	1008180	20.444	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	239065	19.384	ng/ul	98
73) Pentachlorobenzene	14.62	250	230245	19.587	ng/ul	98
74) Carbazole	17.45	167	934549	21.369	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1105890	20.801	ng/ul	99
76) Fluoranthene	19.11	202	1200402	21.691	ng/ul	100
79) Pvrene	19.47	202	1244781	20.745	ng/ul	99
80) Butylbenzylphthalate	20.39	149	535797	21.075	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.17	252	395734	19.955	ng/ul	99
82) Benzo(a)anthracene	21.23	228	1248465	20.478	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	804284	21.091	ng/ul#	97
84) Chrysene	21.28	228	1176275	20.386	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1391511	23.322	ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	1174392	20.868	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	1164104	21.957	ng/ul	100
90) Benzo(a)pyrene	23.37	252	1090590	20.343	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.68	276	1060945	16.635	ng/ul	97
92) Dibenzo(a,h)anthracene	25.69	278	879491	16.495	ng/ul	97
93) Benzo(g,h,i)perylene	26.35	276	863471	16.226	ng/ul	96

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

