

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005367.D
 Acq On : 30 Apr 2019 09:03
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02085

Quant Time: Apr 30 09:44:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	296883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1257244	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	757475	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1711304	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1683993	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	1942639	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	44290	7.20	ng/uL	0.00
5) Phenol-d5	6.77	99	405194	17.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	230402	15.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	325402	18.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	320612	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	162100	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	170468	21.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	343165	19.08	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.49	131	354570	19.12	ng/ul	-0.01
43) Dimethylphthalate-d6	13.64	166	964142	17.53	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	1244752	18.43	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.43	143	160410	18.48	ng/ul	0.00
57) Fluorene-d10	15.22	176	844945	18.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	142295	18.49	ng/ul	0.00
70) Anthracene-d10	17.07	188	1323204	18.44	ng/ul	-0.01
78) Pyrene-d10	19.39	212	1469404	17.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1512851	17.82	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	50672	7.662	ng/uL 98
4) Benzaldehyde	6.75	77	280969	17.004	ng/ul 95
6) Phenol	6.80	94	418973	17.469	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.03	93	323029	16.821	ng/ul 95
10) 2-Chlorophenol	7.16	128	334500	18.132	ng/ul 93
11) 2-Methylphenol	8.03	108	316176	17.593	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	456273	14.150	ng/ul# 93
14) Acetophenone	8.40	105	515117	17.658	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.39	70	254070	16.282	ng/ul 90
16) 4-Methylphenol	8.35	108	342799	17.662	ng/ul 90
17) Hexachloroethane	8.65	117	139088	17.362	ng/ul 90
20) Nitrobenzene	8.78	77	373503	17.539	ng/ul 93
21) Isophorone	9.29	82	698462	16.565	ng/ul 97
23) 2-Nitrophenol	9.48	139	184564	20.762	ng/ul 91
24) 2,4-Dimethylphenol	9.54	107	381219	17.127	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.78	93	439815	16.598	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	333107	18.770	ng/ul 97
28) Naphthalene	10.40	128	1060906	18.152	ng/ul 98
30) 4-Chloroaniline	10.52	127	360812	19.102	ng/ul 100
31) Hexachlorobutadiene	10.69	225	231933	18.507	ng/ul 98
32) Caprolactam	11.26	113	101990	18.994	ng/ul# 74
33) 4-Chloro-3-methylphenol	11.65	107	346491	17.339	ng/ul 93
34) 2-Methylnaphthalene	12.02	142	770978	18.015	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	447273	19.080	ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	247769	15.502	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	269105	19.038	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	289194	19.039	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	1000950	17.735	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	782095	18.018	ng/ul	95
42) 2-Nitroaniline	13.30	65	212263	18.437	ng/ul	88
44) Dimethylphthalate	13.69	163	956906	17.465	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	196322	20.752	ng/ul	87
47) Acenaphthylene	13.94	152	1214575	18.300	ng/ul	99
48) 3-Nitroaniline	14.13	138	177746	20.210	ng/ul#	90
49) Acenaphthene	14.29	153	817361	18.039	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	77442	16.805	ng/ul#	84
52) 4-Nitrophenol	14.45	109	126353	16.033	ng/ul	92
53) Dibenzofuran	14.63	168	1192022	18.272	ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	284901	20.890	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.86	232	251010	19.864	ng/ul	93
56) Diethylphthalate	15.07	149	927087	16.875	ng/ul	98
58) Fluorene	15.28	166	937237	18.412	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.28	204	492556	18.240	ng/ul	97
60) 4-Nitroaniline	15.30	138	223164	20.353	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.37	198	151121	18.448	ng/ul	93
64) N-Nitrosodiphenylamine	15.50	169	825929	17.634	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	307698	17.848	ng/ul	96
66) Hexachlorobenzene	16.29	284	349168	19.020	ng/ul#	92
67) Atrazine	16.46	200	299693	17.187	ng/ul	98
68) Pentachlorophenol	16.63	266	193348	17.987	ng/ul	96
69) Phenanthrene	17.02	178	1508128	18.095	ng/ul	99
71) Anthracene	17.11	178	1557611	18.346	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	459447	18.381	ng/ul	98
73) Pentachlorobenzene	14.55	250	415593	18.473	ng/ul	98
74) Carbazole	17.39	167	1364180	18.705	ng/ul	98
75) Di-n-butylphthalate	17.97	149	1499919	16.391	ng/ul	99
76) Fluoranthene	19.06	202	1772065	19.169	ng/ul	97
79) Pvrene	19.42	202	1867363	17.222	ng/ul	97
80) Butylbenzylphthalate	20.36	149	672553	15.667	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.15	252	566135	16.827	ng/ul#	98
82) Benzo(a)anthracene	21.20	228	1882874	17.973	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	958739	14.504	ng/ul#	97
84) Chrysene	21.26	228	1780273	18.310	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1627564	13.679	ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	1902298	17.420	ng/ul#	98
88) Benzo(k)fluoranthene	22.83	252	1847542	17.715	ng/ul	99
90) Benzo(a)pyrene	23.35	252	1844171	17.967	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.63	276	2105207	18.551	ng/ul	99
92) Dibenzo(a,h)anthracene	25.64	278	1770225	18.381	ng/ul	97
93) Benzo(g,h,i)perylene	26.30	276	1636776	17.443	ng/ul	96

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

