

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006594.D
 Acq On : 27 Jun 2019 00:31
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02025

Quant Time: Jun 27 04:07:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 02:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	153855	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	755121	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	464225	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1044669	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1046851	20.00	ng/ul	-0.02
85) Perylene-d12	23.47	264	1169352	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	29841	7.58	ng/uL	-0.01
5) Phenol-d5	6.80	99	331044	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	210049	20.71	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	248725	20.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	263383	20.27	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	126562	20.93	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	141830	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	262780	20.76	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	207329	14.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	807490	19.85	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1032145	20.70	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.50	143	132929	19.12	ng/ul	0.00
57) Fluorene-d10	15.27	176	706758	20.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	123851	18.73	ng/ul	0.00
70) Anthracene-d10	17.13	188	1094344	20.81	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1205056	19.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1370059	20.74	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	31278	7.838	ng/uL 97
4) Benzaldehyde	6.77	77	126043	19.048	ng/ul 97
6) Phenol	6.82	94	319563	20.233	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.05	93	245947	20.450	ng/ul 96
10) 2-Chlorophenol	7.18	128	232637	20.100	ng/ul 99
11) 2-Methylphenol	8.06	108	244934	20.476	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.14	45	397202	20.881	ng/ul 97
14) Acetophenone	8.43	105	389216	20.873	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.42	70	215442	20.571	ng/ul 99
16) 4-Methylphenol	8.39	108	270245	20.623	ng/ul 100
17) Hexachloroethane	8.68	117	91301	19.453	ng/ul 95
20) Nitrobenzene	8.82	77	294255	20.167	ng/ul 99
21) Isophorone	9.33	82	607733	20.152	ng/ul 99
23) 2-Nitrophenol	9.52	139	140478	21.192	ng/ul 99
24) 2,4-Dimethylphenol	9.59	107	301818	20.859	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.82	93	368870	20.160	ng/ul 100
27) 2,4-Dichlorophenol	10.06	162	239733	20.723	ng/ul 98
28) Naphthalene	10.45	128	801485	20.162	ng/ul 100
30) 4-Chloroaniline	10.57	127	206648	15.046	ng/ul 98
31) Hexachlorobutadiene	10.73	225	132054	19.648	ng/ul 99
32) Caprolactam	11.33	113	88892	20.011	ng/ul 92
33) 4-Chloro-3-methylphenol	11.70	107	289783	20.824	ng/ul 99
34) 2-Methylnaphthalene	12.07	142	589896	20.507	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	282239	20.498	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	63375	10.594	ng/ul	98
38) 2,4,6-Trichlorophenol	12.70	196	188930	21.113	ng/ul	97
39) 2,4,5-Trichlorophenol	12.77	196	201884	21.935	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	748740	20.385	ng/ul	100
41) 2-Chloronaphthalene	13.14	162	588507	20.661	ng/ul	99
42) 2-Nitroaniline	13.36	65	194805	21.878	ng/ul	99
44) Dimethylphthalate	13.73	163	738189	19.681	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	152401	20.849	ng/ul	98
47) Acenaphthylene	13.99	152	906403	20.512	ng/ul	100
48) 3-Nitroaniline	14.19	138	154605	21.386	ng/ul	97
49) Acenaphthene	14.34	153	643911	20.446	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	55834	15.818	ng/ul	98
52) 4-Nitrophenol	14.52	109	96074	19.755	ng/ul	99
53) Dibenzofuran	14.67	168	889903	20.392	ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	223976	21.280	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.92	232	163404	19.718	ng/ul	97
56) Diethylphthalate	15.10	149	765167	20.191	ng/ul	99
58) Fluorene	15.33	166	735203	20.841	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	351751	20.352	ng/ul	97
60) 4-Nitroaniline	15.36	138	169640	21.862	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.43	198	122485	18.936	ng/ul	95
64) N-Nitrosodiphenylamine	15.54	169	637367	20.256	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	213918	19.885	ng/ul	98
66) Hexachlorobenzene	16.34	284	237986	19.838	ng/ul	100
67) Atrazine	16.50	200	210469	19.410	ng/ul	96
68) Pentachlorophenol	16.69	266	105663	18.073	ng/ul	98
69) Phenanthrene	17.07	178	1175662	20.404	ng/ul	99
71) Anthracene	17.16	178	1217883	20.822	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	285309	20.294	ng/uL	99
73) Pentachlorobenzene	14.60	250	284284	20.279	ng/uL	99
74) Carbazole	17.44	167	1108715	21.964	ng/ul	99
75) Di-n-butylphthalate	18.00	149	1371332	21.281	ng/ul	100
76) Fluoranthene	19.10	202	1404239	22.613	ng/ul	100
79) Pvrene	19.47	202	1449256	20.333	ng/ul	98
80) Butylbenzylphthalate	20.37	149	677723	21.206	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.17	252	477729	21.584	ng/ul	99
82) Benzo(a)anthracene	21.23	228	1470581	20.552	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	993309	21.675	ng/ul	99
84) Chrysene	21.29	228	1391771	20.438	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1804921	24.022	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	1507386	21.479	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1407722	20.988	ng/ul	99
90) Benzo(a)pyrene	23.38	252	1392453	20.692	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	1457154	18.297	ng/ul	100
92) Dibenzo(a,h)anthracene	25.71	278	1244011	18.863	ng/ul	99
93) Benzo(g,h,i)perylene	26.39	276	1164558	17.362	ng/ul	99

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

