

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004235.D
 Acq On : 27 Dec 2018 10:42
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02042

Quant Time: Dec 28 00:25:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 27 05:47:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	19790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	98658	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	62859	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	150568	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	189005	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	216074	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2782	9.20	ng/uL	0.00
5) Phenol-d5	6.99	99	36956	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	20406	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	30825	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	31656	19.41	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	15384	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	17995	20.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	33416	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	32582	21.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	110140	19.63	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	136833	20.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	17983	15.50	ng/ul	0.00
57) Fluorene-d10	15.45	176	96413	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	19447	17.93	ng/ul	0.00
70) Anthracene-d10	17.30	188	154302	20.28	ng/ul	0.00
78) Pyrene-d10	19.60	212	173609	20.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	241695	20.62	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.32	88	3126	9.396	ng/uL# 78
4) Benzaldehyde	6.98	77	6065	18.238	ng/ul 98
6) Phenol	7.02	94	37275	18.980	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.25	93	27732	19.661	ng/ul 99
10) 2-Chlorophenol	7.39	128	30390	19.970	ng/ul 98
11) 2-Methylphenol	8.26	108	29167	19.203	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	38279	19.739	ng/ul 99
14) Acetophenone	8.65	105	46751	19.174	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.62	70	23274	19.330	ng/ul 99
16) 4-Methylphenol	8.59	108	32531	19.487	ng/ul 99
17) Hexachloroethane	8.89	117	11082	20.027	ng/ul 97
20) Nitrobenzene	9.03	77	33180	19.599	ng/ul 99
21) Isophorone	9.55	82	68551	19.496	ng/ul 98
23) 2-Nitrophenol	9.74	139	19439	20.882	ng/ul 97
24) 2,4-Dimethylphenol	9.79	107	36450	20.218	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.02	93	41722	19.828	ng/ul 99
27) 2,4-Dichlorophenol	10.27	162	32110	20.397	ng/ul 99
28) Naphthalene	10.67	128	105390	19.910	ng/ul 100
30) 4-Chloroaniline	10.79	127	33370	21.629	ng/ul 98
31) Hexachlorobutadiene	10.92	225	19081	20.835	ng/ul 98
32) Caprolactam	11.56	113	11490	18.186	ng/ul 98
33) 4-Chloro-3-methylphenol	11.91	107	36676	20.174	ng/ul 97
34) 2-Methylnaphthalene	12.27	142	79503	19.943	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	39977	20.711	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	19707	16.624	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	26631	20.492	ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	28961	20.152	ng/ul	98
40) 1,1'-Biphenyl	13.29	154	104190	20.389	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	81658	20.522	ng/ul	99
42) 2-Nitroaniline	13.56	65	22482	20.122	ng/ul	97
44) Dimethylphthalate	13.91	163	107340	19.596	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	22239	20.002	ng/ul	98
47) Acenaphthylene	14.19	152	128495	20.261	ng/ul	99
48) 3-Nitroaniline	14.39	138	22373	19.790	ng/ul	96
49) Acenaphthene	14.52	153	91106	20.174	ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	16230	22.521	ng/ul	97
52) 4-Nitrophenol	14.70	109	11576	15.803	ng/ul	99
53) Dibenzofuran	14.86	168	128325	20.018	ng/ul	100
54) 2,4-Dinitrotoluene	14.85	165	33901	19.597	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.09	232	25601	19.035	ng/ul	98
56) Diethylphthalate	15.27	149	109420	19.537	ng/ul	100
58) Fluorene	15.51	166	106851	20.019	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	52684	19.921	ng/ul	99
60) 4-Nitroaniline	15.55	138	24984	17.779	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.60	198	19638	17.625	ng/ul#	98
64) N-Nitrosodiphenylamine	15.72	169	94502	20.738	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	35329	20.871	ng/ul	97
66) Hexachlorobenzene	16.50	284	43412	20.500	ng/ul	98
67) Atrazine	16.66	200	33699	20.288	ng/ul	97
68) Pentachlorophenol	16.86	266	16555	13.693	ng/ul	99
69) Phenanthrene	17.25	178	175173	20.136	ng/ul	100
71) Anthracene	17.34	178	179905	20.174	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	40018	21.223	ng/uL	97
73) Pentachlorobenzene	14.77	250	44969	20.872	ng/uL	99
74) Carbazole	17.62	167	165918	20.248	ng/ul	99
75) Di-n-butylphthalate	18.15	149	193121	19.996	ng/ul	100
76) Fluoranthene	19.27	202	212567	19.934	ng/ul	98
79) Pvrene	19.63	202	219092	20.749	ng/ul	98
80) Butylbenzylphthalate	20.52	149	96948	20.548	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.32	252	91109	20.954	ng/ul	99
82) Benzo(a)anthracene	21.38	228	236918	20.102	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.28	149	143099	19.855	ng/ul	100
84) Chrysene	21.43	228	222027	20.112	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	254768	20.980	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	258667	19.984	ng/ul	99
88) Benzo(k)fluoranthene	23.06	252	258328	21.315	ng/ul	98
90) Benzo(a)pyrene	23.62	252	253099	20.304	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.09	276	301170	18.535	ng/ul	100
92) Dibenzo(a,h)anthracene	26.09	278	256150	18.964	ng/ul	99
93) Benzo(g,h,i)perylene	26.81	276	244629	17.987	ng/ul	99

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

