

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
 Data File : BN009531.D
 Acq On : 03 Feb 2020 16:04
 Operator : CG/JU
 Sample : SSTD16052
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16052

Quant Time: Feb 03 16:35:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 14:52:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	131024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	563314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	368006	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	766286	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	658931	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	695811	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	209668	66.18	ng/uL	0.00
5) Phenol-d5	6.66	99	2089051	179.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	1327677	160.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	1580982	186.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	1651270	178.55	ng/ul	0.02
19) Nitrobenzene-d5	8.59	128	778979	190.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	894878	208.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	1610242	189.04	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	1570877	152.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	4523725	166.09	ng/ul	0.01
46) Acenaphthylene-d8	13.77	160	5666401	175.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	904720	178.50	ng/ul	0.03
57) Fluorene-d10	15.09	176	3899806	163.14	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.24	200	887353	191.22	ng/ul	0.02
70) Anthracene-d10	16.94	188	5799683	163.60	ng/ul	0.01
78) Pyrene-d10	19.25	212	6181276	174.36	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.04	264	6208418	176.76	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.10	88	232645	65.976	ng/uL	93
4) Benzaldehyde	6.61	77	1250908	205.115	ng/ul	99
6) Phenol	6.68	94	2214633	181.936	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.90	93	1666539	170.709	ng/ul	99
10) 2-Chlorophenol	7.03	128	1633237	185.058	ng/ul	97
11) 2-Methylphenol	7.90	108	1639204	182.353	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.97	45	3810372	148.551	ng/ul	100
14) Acetophenone	8.27	105	2546188	170.417	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	1415524	174.458	ng/ul	97
16) 4-Methylphenol	8.25	108	1746959	177.459	ng/ul	95
17) Hexachloroethane	8.50	117	689022	168.529	ng/ul	99
20) Nitrobenzene	8.64	77	2119597	175.892	ng/ul	95
21) Isophorone	9.17	82	3904944	182.703	ng/ul	99
23) 2-Nitrophenol	9.34	139	948807	200.466	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	1956432	180.141	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	2283504	174.486	ng/ul	100
27) 2,4-Dichlorophenol	9.87	162	1600483	191.808	ng/ul	98
28) Naphthalene	10.25	128	5189341	171.185	ng/ul	100
30) 4-Chloroaniline	10.37	127	1595559	153.873	ng/ul	100
31) Hexachlorobutadiene	10.54	225	947867	165.522	ng/ul	96
32) Caprolactam	11.20	113	314984	110.188	ng/ul	98
33) 4-Chloro-3-methylphenol	11.53	107	1876571	185.340	ng/ul	99
34) 2-Methylnaphthalene	11.87	142	3722443	178.370	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	1794708	168.721	ng/ul	96
37) Hexachlorocyclopentadiene	12.23	237	1182289	182.450	ng/ul	95
38) 2,4,6-Trichlorophenol	12.50	196	1274558	193.851	ng/ul	98
39) 2,4,5-Trichlorophenol	12.58	196	1371918	189.657	ng/ul	94
40) 1,1'-Biphenyl	12.92	154	4791331	171.942	ng/ul	99
41) 2-Chloronaphthalene	12.95	162	3810153	173.171	ng/ul	98
42) 2-Nitroaniline	13.17	65	1518831	189.043	ng/ul	88
44) Dimethylphthalate	13.57	163	4720070	168.337	ng/ul	100
45) 2,6-Dinitrotoluene	13.69	165	1059105	198.521	ng/ul	97
47) Acenaphthylene	13.81	152	5959813	170.832	ng/ul	100
48) 3-Nitroaniline	14.02	138	850509	170.763	ng/ul	99
49) Acenaphthene	14.15	153	3982400	167.323	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	705761	227.871	ng/ul	98
52) 4-Nitrophenol	14.36	109	775921	165.381	ng/ul	93
53) Dibenzofuran	14.50	168	5483228	165.815	ng/ul	99
54) 2,4-Dinitrotoluene	14.49	165	1476142	185.502	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.73	232	1165172	188.501	ng/ul#	98
56) Diethylphthalate	14.95	149	4851303	169.179	ng/ul	99
58) Fluorene	15.15	166	4499805	162.396	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.15	204	2190606	160.378	ng/ul	98
60) 4-Nitroaniline	15.20	138	975402	173.436	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.26	198	942807	190.883	ng/ul#	92
64) N-Nitrosodiphenylamine	15.37	169	3874476	170.762	ng/ul	99
65) 4-Bromophenyl-phenylether	16.04	248	1375755	178.135	ng/ul	97
66) Hexachlorobenzene	16.16	284	1457274	170.094	ng/ul	93
67) Atrazine	16.34	200	1452959	175.026	ng/ul	97
68) Pentachlorophenol	16.50	266	948630	190.485	ng/ul	95
69) Phenanthrene	16.89	178	7177888	166.011	ng/ul	99
71) Anthracene	16.98	178	7297925	165.775	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	1960760	186.833	ng/ul	97
73) Pentachlorobenzene	14.42	250	1864912	182.798	ng/ul	98
74) Carbazole	17.25	167	6389525	169.536	ng/ul	98
75) Di-n-butylphthalate	17.83	149	8381059	182.027	ng/ul	99
76) Fluoranthene	18.91	202	8135617	164.140	ng/ul	96
79) Pvrene	19.28	202	8086417	169.487	ng/ul	95
80) Butylbenzylphthalate	20.20	149	3793930	206.043	ng/ul	97
81) 3,3'-Dichlorobenzidine	20.98	252	2260618	162.764	ng/ul	98
82) Benzo(a)anthracene	21.04	228	7582061	168.971	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	5526855	197.880	ng/ul	100
84) Chrysene	21.09	228	7298039	166.959	ng/ul	99
86) Di-n-octyl phthalate	21.85	149	9435471	189.576	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	7756591	176.304	ng/ul	98
88) Benzo(k)fluoranthene	22.60	252	7172168	165.794	ng/ul	98
90) Benzo(a)pyrene	23.09	252	6951818	176.036	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.27	276	8600646	179.710	ng/ul	96
92) Dibenzo(a,h)anthracene	25.27	278	7156063	177.231	ng/ul	98
93) Benzo(g,h,i)perylene	25.89	276	7081336	177.887	ng/ul	94

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

