

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
 Data File : BN010599.D
 Acq On : 27 Apr 2020 18:46
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02084

Quant Time: Apr 27 19:16:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 22 11:55:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	435545	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1976647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1311193	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3039516	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3052935	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2748872	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	58422	7.02	ng/uL	0.00
5) Phenol-d5	6.78	99	697209	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	407456	23.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	577895	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	582042	20.07	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	288037	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	314330	18.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	649067	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	881081	23.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1906470	19.60	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2255073	18.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	338545	17.87	ng/ul	-0.01
58) Fluorene-d10	15.21	176	1693935	19.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	284385	17.91	ng/ul	0.00
71) Anthracene-d10	17.06	188	2766225	19.65	ng/ul	0.00
79) Pyrene-d10	19.36	212	3158270	18.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2694467	18.90	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.23	88	66325	7.53 ng/uL#	95
4) Benzaldehyde	6.74	77	467128	26.16 ng/ul	98
6) Phenol	6.80	94	730604	20.52 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	545797	19.91 ng/ul	96
10) 2-Chlorophenol	7.16	128	602010	20.18 ng/ul	96
11) 2-Methylphenol	8.03	108	556858	19.76 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	380739	21.85 ng/ul	95
14) Acetophenone	8.40	105	929728	21.21 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	442788	21.09 ng/ul	96
16) 4-Methylphenol	8.36	108	611925	20.30 ng/ul	99
17) Hexachloroethane	8.65	117	239133	19.33 ng/ul	87
20) Nitrobenzene	8.76	77	694606	19.52 ng/ul	97
21) Isophorone	9.29	82	1214195	18.50 ng/ul	99
23) 2-Nitrophenol	9.47	139	353734	19.27 ng/ul	97
24) 2,4-Dimethylphenol	9.54	107	697539	19.27 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.77	93	786108	19.69 ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	646271	19.71 ng/ul	98
28) Naphthalene	10.39	128	2022525	19.04 ng/ul	99
30) 4-Chloroaniline	10.50	127	885464	23.37 ng/ul	97
31) Hexachlorobutadiene	10.69	225	417005	18.27 ng/ul	93
32) Caprolactam	11.28	113	179069	17.21 ng/ul	89
33) 4-Chloro-3-methylphenol	11.64	107	682571	19.87 ng/ul	96
34) 2-Methylnaphthalene	12.01	142	1519431	20.24 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	1420270	18.90	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	817868	18.71	ng/uL	94
38) Hexachlorocyclopentadiene	12.37	237	295411	13.89	ng/uL	96
39) 2,4,6-Trichlorophenol	12.63	196	522591	18.45	ng/uL	96
40) 2,4,5-Trichlorophenol	12.71	196	557630	18.30	ng/uL	97
41) 1,1'-Biphenyl	13.04	154	1944383	19.31	ng/uL	99
42) 2-Chloronaphthalene	13.07	162	1543302	18.96	ng/uL	96
43) 2-Nitroaniline	13.29	65	382734	20.27	ng/uL	97
45) Dimethylphthalate	13.68	163	1845689	18.27	ng/uL	99
46) 2,6-Dinitrotoluene	13.79	165	420084	19.56	ng/uL	97
48) Acenaphthylene	13.93	152	2446320	19.40	ng/uL	99
49) 3-Nitroaniline	14.12	138	414095	20.26	ng/uL	96
50) Acenaphthene	14.28	153	1634367	18.94	ng/uL	98
51) 2,4-Dinitrophenol	14.33	184	158531	15.58	ng/uL#	91
53) 4-Nitrophenol	14.44	109	286159	18.66	ng/uL	99
54) Dibenzofuran	14.62	168	2415634	19.99	ng/uL	99
55) 2,4-Dinitrotoluene	14.59	165	576746	18.85	ng/uL	94
56) 2,3,4,6-Tetrachlorophenol	14.85	232	512895	19.27	ng/uL#	96
57) Diethylphthalate	15.06	149	1868344	18.40	ng/uL	100
59) Fluorene	15.27	166	1939045	19.57	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.27	204	983326	19.41	ng/uL	98
61) 4-Nitroaniline	15.29	138	488142	21.09	ng/uL	94
64) 4,6-Dinitro-2-methylphenol	15.35	198	306805	17.97	ng/uL#	91
65) N-Nitrosodiphenylamine	15.49	169	1704224	19.35	ng/uL	94
66) 4-Bromophenyl-phenylether	16.16	248	611954	18.44	ng/uL	98
67) Hexachlorobenzene	16.28	284	677862	17.96	ng/uL	97
68) Atrazine	16.45	200	534227	15.36	ng/uL	95
69) Pentachlorophenol	16.62	266	390328	16.20	ng/uL	97
70) Phenanthrene	17.00	178	3258742	19.31	ng/uL	98
72) Anthracene	17.10	178	3307278	19.33	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	826622	17.15	ng/uL	96
74) Pentachlorobenzene	14.54	250	765255	16.28	ng/uL	98
75) Carbazole	17.36	167	3002442	21.36	ng/uL	100
76) Di-n-butylphthalate	17.95	149	3284815	18.55	ng/uL	99
77) Fluoranthene	19.03	202	3934851	21.46	ng/uL#	95
80) Pyrene	19.39	202	4219945	19.13	ng/uL	98
81) Butylbenzylphthalate	20.32	149	1558637	16.38	ng/uL	97
82) 3,3'-Dichlorobenzidine	21.09	252	1013087	15.40	ng/uL	97
83) Benzo(a)anthracene	21.15	228	3799798	17.94	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	2324305	16.91	ng/uL	97
85) Chrysene	21.20	228	3570930	17.93	ng/uL	98
87) Di-n-octyl phthalate	21.97	149	3832478	19.60	ng/uL	100
88) Benzo(b)fluoranthene	22.69	252	3353317	18.69	ng/uL	99
89) Benzo(k)fluoranthene	22.73	252	3304019	18.57	ng/uL	98
91) Benzo(a)pyrene	23.24	252	3199964	20.08	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.47	276	3401357	18.96	ng/uL	98
93) Dibenzo(a,h)anthracene	25.49	278	2832676	18.80	ng/uL	98
94) Benzo(g,h,i)perylene	26.12	276	2805630	18.90	ng/uL	97

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

