

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
 Data File : BN010642.D
 Acq On : 29 Apr 2020 04:37
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02086

Manual Integrations
 APPROVED

mohammad
 4/30/2020 12:03:31 AM

Quant Time: Apr 29 05:11:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 27 19:29:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	549854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	2408094	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	1568707	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3520732	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	3125527	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2851127	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	79809	7.60	ng/uL	0.00
5) Phenol-d5	6.78	99	862582	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	496109	22.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	707404	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	714672	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	358419	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	406778	19.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	779568	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	1062534	22.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2288629	19.66	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2705460	18.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	394926	17.43	ng/ul	0.00
58) Fluorene-d10	15.21	176	1994180	19.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	327335	17.80	ng/ul	0.00
71) Anthracene-d10	17.06	188	3139467	19.25	ng/ul	0.00
79) Pyrene-d10	19.36	212	3467714	19.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2820064	19.07	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	81921	7.369	ng/uL 98
4) Benzaldehyde	6.73	77	579906	25.723	ng/ul 93
6) Phenol	6.80	94	893166	19.875	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.02	93	666755	19.269	ng/ul 95
10) 2-Chlorophenol	7.16	128	744753	19.776	ng/ul 98
11) 2-Methylphenol	8.03	108	686979	19.309	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.12	45	464629	21.117	ng/ul 99
14) Acetophenone	8.39	105	1137280	20.550	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.39	70	543607	20.507	ng/ul 96
16) 4-Methylphenol	8.35	108	754174	19.817	ng/ul 95
17) Hexachloroethane	8.65	117	294188	18.836	ng/ul 92
20) Nitrobenzene	8.76	77	862958	19.911	ng/ul 99
21) Isophorone	9.29	82	1502312	18.793	ng/ul 99
23) 2-Nitrophenol	9.46	139	428626	19.166	ng/ul 97
24) 2,4-Dimethylphenol	9.54	107	854843	19.382	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.77	93	950068	19.537	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	779261	19.510	ng/ul 97
28) Naphthalene	10.39	128	2441845	18.868	ng/ul 99
30) 4-Chloroaniline	10.50	127	1077117	23.336	ng/ul 99
31) Hexachlorobutadiene	10.69	225	513859	18.482	ng/ul 95
32) Caprolactam	11.28	113	221909m	17.509	ng/ul
33) 4-Chloro-3-methylphenol	11.64	107	822336	19.648	ng/ul 98
34) 2-Methylnaphthalene	12.00	142	1859513	20.330	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	1717719	18.764	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	1003566	19.188	ng/uL	94
38) Hexachlorocyclopentadiene	12.37	237	339988	13.360	ng/uL	99
39) 2,4,6-Trichlorophenol	12.63	196	630960	18.617	ng/uL	98
40) 2,4,5-Trichlorophenol	12.70	196	698368	19.160	ng/uL	96
41) 1,1'-Biphenyl	13.03	154	2369971	19.671	ng/uL	99
42) 2-Chloronaphthalene	13.07	162	1830526	18.796	ng/uL	98
43) 2-Nitroaniline	13.28	65	468208	20.725	ng/uL	95
45) Dimethylphthalate	13.68	163	2252652	18.641	ng/uL	99
46) 2,6-Dinitrotoluene	13.79	165	511554	19.906	ng/uL	99
48) Acenaphthylene	13.93	152	2961276	19.624	ng/uL	99
49) 3-Nitroaniline	14.12	138	482913	19.750	ng/uL	94
50) Acenaphthene	14.27	153	1958333	18.964	ng/uL	95
51) 2,4-Dinitrophenol	14.32	184	189202	15.542	ng/uL	94
53) 4-Nitrophenol	14.44	109	326160	17.779	ng/uL	96
54) Dibenzofuran	14.61	168	2836974	19.625	ng/uL	99
55) 2,4-Dinitrotoluene	14.58	165	680024	18.575	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	14.85	232	607568m	19.076	ng/uL	
57) Diethylphthalate	15.06	149	2253562	18.549	ng/uL	99
59) Fluorene	15.26	166	2281807	19.251	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.26	204	1147094	18.924	ng/uL	97
61) 4-Nitroaniline	15.29	138	532043	19.211	ng/uL	98
64) 4,6-Dinitro-2-methylphenol	15.35	198	361901	18.297	ng/uL	97
65) N-Nitrosodiphenylamine	15.48	169	1993701	19.547	ng/uL	96
66) 4-Bromophenyl-phenylether	16.16	248	713010	18.549	ng/uL	97
67) Hexachlorobenzene	16.27	284	791650	18.106	ng/uL	99
68) Atrazine	16.44	200	649175	16.114	ng/uL	98
69) Pentachlorophenol	16.62	266	471393	16.887	ng/uL	96
70) Phenanthrene	17.00	178	3735821	19.107	ng/uL	98
72) Anthracene	17.09	178	3753925	18.941	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	989659	17.723	ng/uL	98
74) Pentachlorobenzene	14.53	250	936139	17.198	ng/uL	97
75) Carbazole	17.36	167	3378307	20.752	ng/uL	99
76) Di-n-butylphthalate	17.95	149	3971433	19.366	ng/uL	100
77) Fluoranthene	19.02	202	4395837	20.693	ng/uL	96
80) Pvrene	19.39	202	4479001	19.834	ng/uL	96
81) Butylbenzylphthalate	20.31	149	1816282	18.646	ng/uL	93
82) 3,3'-Dichlorobenzidine	21.09	252	1164011	17.279	ng/uL	97
83) Benzo(a)anthracene	21.15	228	3940815	18.175	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2724466	19.365	ng/uL	99
85) Chrysene	21.20	228	3724380	18.269	ng/uL	98
87) Di-n-octyl phthalate	21.97	149	4269017	21.051	ng/uL	100
88) Benzo(b)fluoranthene	22.69	252	3497477	18.799	ng/uL	97
89) Benzo(k)fluoranthene	22.73	252	3486172	18.886	ng/uL	98
91) Benzo(a)pyrene	23.23	252	3306258	20.002	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	3629668	19.509	ng/uL	97
93) Dibenzo(a,h)anthracene	25.47	278	3057948	19.569	ng/uL	98
94) Benzo(a,h,i)perylene	26.11	276	2994112	19.446	ng/uL	99

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

