

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011221\
 Data File : BN013396.D
 Acq On : 12 Jan 2021 16:05
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD020007

Manual Integrations
 APPROVED

mohammad
 1/13/2021 3:15:46 PM

Quant Time: Jan 12 16:40:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 12 09:49:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	476832	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1953803	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1140672	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2314511	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	2276296	20.00	ng/ul	0.00
88) Perylene-d12	23.33	264	2465335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	95035	7.60	ng/uL	0.00
4) Pyridine-d5	3.58	84	634349	20.31	ng/ul	0.00
7) Phenol-d5	6.77	99	803809	20.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	465053	20.85	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	701600	20.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	637899	19.72	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	322492	20.72	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	337836	21.06	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	648532	20.46	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	947842	21.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	1777691	20.15	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2253576	20.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	335902	20.85	ng/ul	0.00
60) Fluorene-d10	15.22	176	1569145	20.56	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	258453	22.69	ng/ul	0.00
73) Anthracene-d10	17.07	188	2369605	21.08	ng/ul	0.00
81) Pyrene-d10	19.36	212	2474360	20.18	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	2672130	20.76	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	94379	7.593	ng/uL 98
5) Pyridine	3.60	79	653212	20.780	ng/ul 95
6) Benzaldehyde	6.75	77	232417	15.460	ng/ul 99
8) Phenol	6.80	94	825753	20.386	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.03	93	680498	21.201	ng/ul 99
12) 2-Chlorophenol	7.16	128	721199	20.291	ng/ul 99
13) 2-Methylphenol	8.03	108	626167	20.065	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.13	45	939449	20.887	ng/ul 99
16) Acetophenone	8.40	105	1003953	21.147	ng/ul 100
17) N-Nitroso-di-n-propylamine	8.40	70	455163	19.323	ng/ul 97
18) 4-Methylphenol	8.36	108	686776	20.501	ng/ul 96
19) Hexachloroethane	8.66	117	293694	21.058	ng/ul 93
22) Nitrobenzene	8.78	77	730491	20.943	ng/ul 100
23) Isophorone	9.30	82	1276412	19.352	ng/ul 100
25) 2-Nitrophenol	9.48	139	379866	21.268	ng/ul 99
26) 2,4-Dimethylphenol	9.55	107	730166	20.245	ng/ul 99
27) Bis(2-Chloroethoxy)methane	9.79	93	870941	20.414	ng/ul 99
29) 2,4-Dichlorophenol	10.01	162	643677	20.629	ng/ul 99
30) Naphthalene	10.41	128	2305168	21.027	ng/ul 100
32) 4-Chloroaniline	10.52	127	925338	22.418	ng/ul 98
33) Hexachlorobutadiene	10.70	225	412957	21.172	ng/ul 99
34) Caprolactam	11.27	113	181196m	18.832	ng/ul

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35) 4-Chloro-3-methylphenol	11.65	107	654529	19.586	ng/ul	96
36) 2-Methylnaphthalene	12.03	142	1580791	20.970	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	1509555	20.776	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	747570	21.777	ng/ul	99
40) Hexachlorocyclopentadiene	12.39	237	432695	24.192	ng/ul	97
41) 2,4,6-Trichlorophenol	12.65	196	465407	20.559	ng/ul	98
42) 2,4,5-Trichlorophenol	12.71	196	508000	21.088	ng/ul	98
43) 1,1'-Biphenyl	13.05	154	1967065	21.409	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	1581755	21.859	ng/ul	98
45) 2-Nitroaniline	13.29	65	372694	20.212	ng/ul	99
47) Dimethylphthalate	13.69	163	1852661	20.468	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	369877	21.545	ng/ul	94
50) Acenaphthylene	13.94	152	2341613	21.285	ng/ul	100
51) 3-Nitroaniline	14.13	138	262763	16.593	ng/ul	96
52) Acenaphthene	14.29	153	1648637	21.240	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	156683	20.365	ng/ul	92
55) 4-Nitrophenol	14.44	109	248603	20.491	ng/ul	97
56) Dibenzofuran	14.62	168	2235665	21.038	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	533313	21.802	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.85	232	412107	20.259	ng/ul	98
59) Diethylphthalate	15.07	149	1825723	19.840	ng/ul	98
61) Fluorene	15.27	166	1804301	20.958	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	878337	21.164	ng/ul	98
63) 4-Nitroaniline	15.29	138	232994	15.666	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	279993	22.088	ng/ul	96
67) N-Nitrosodiphenylamine	15.49	169	1537529	21.083	ng/ul	97
68) 4-Bromophenyl-phenylether	16.17	248	522408	20.507	ng/ul	98
69) Hexachlorobenzene	16.27	284	598460	20.722	ng/ul	99
70) Atrazine	16.45	200	522352	20.968	ng/ul	98
71) Pentachlorophenol	16.62	266	323380	20.079	ng/ul	97
72) Phenanthrene	17.01	178	2891247	21.530	ng/ul	100
74) Anthracene	17.10	178	2942181	21.468	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	733038	21.850	ng/uL	97
76) Pentachlorobenzene	14.55	250	726632	21.708	ng/uL	98
77) Carbazole	17.37	167	2523660	22.686	ng/ul	99
78) Di-n-butylphthalate	17.96	149	3042979	20.070	ng/ul	100
80) Fluoranthene	19.03	202	3169303	20.205	ng/ul	99
82) Pyrene	19.39	202	3373829	20.981	ng/ul	100
83) Butylbenzylphthalate	20.32	149	1312481	18.990	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.09	252	857803	19.927	ng/ul	98
85) Benzo(a)anthracene	21.14	228	3167933	21.084	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.10	149	1984807	19.386	ng/ul	100
87) Chrysene	21.20	228	3110829	21.143	ng/ul	99
89) Di-n-octyl phthalate	21.97	149	3379712	22.037	ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	3262630	20.755	ng/ul	99
91) Benzo(k)fluoranthene	22.73	252	3275407	21.876	ng/ul	97
93) Benzo(a)pyrene	23.24	252	3015866	21.161	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.50	276	3796679	21.269	ng/ul	95
95) Dibenzo(a,h)anthracene	25.52	278	3189919	21.322	ng/ul	99
96) Benzo(g,h,i)perylene	26.17	276	3217006	21.266	ng/ul	99

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

