

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011121\
 Data File : BN013385.D
 Acq On : 11 Jan 2021 15:50
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD020005

Manual Integrations
 APPROVED

mohammad
 1/12/2021 2:21:15 PM

Quant Time: Jan 11 16:32:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	414471	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1711272	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1027626	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2062516	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	2049581	20.00	ng/ul	-0.01
88) Perylene-d12	23.34	264	2190911	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	84229	7.75	ng/uL	0.00
4) Pyridine-d5	3.58	84	557793	20.55	ng/ul	0.00
7) Phenol-d5	6.77	99	698699	20.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.94	67	412830	21.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	605078	19.96	ng/ul	-0.01
15) 4-Methylphenol-d8	8.29	113	565370	20.11	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	279895	20.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	292106	20.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	569354	20.51	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	846554	22.29	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	1578885	19.87	ng/ul	-0.01
49) Acenaphthylene-d8	13.91	160	2019975	20.60	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	300434	20.70	ng/ul	0.00
60) Fluorene-d10	15.22	176	1423051	20.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	225077	22.17	ng/ul	0.00
73) Anthracene-d10	17.07	188	2103826	21.00	ng/ul	0.00
81) Pyrene-d10	19.36	212	2282434	20.68	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.20	264	2457105	21.48	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	86924	8.045	ng/uL 98
5) Pyridine	3.60	79	566236	20.723	ng/ul 95
6) Benzaldehyde	6.75	77	202544	15.500	ng/ul 98
8) Phenol	6.80	94	738223	20.967	ng/ul 98
10) Bis(2-Chloroethyl)ether	7.03	93	589391	21.125	ng/ul 99
12) 2-Chlorophenol	7.16	128	624598	20.217	ng/ul 99
13) 2-Methylphenol	8.03	108	547128	20.170	ng/ul 99
14) 2,2'-oxybis(1-Chloropropan	8.12	45	828675	21.197	ng/ul 99
16) Acetophenone	8.40	105	893064	21.641	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.40	70	402126	19.640	ng/ul 97
18) 4-Methylphenol	8.36	108	605562	20.796	ng/ul 99
19) Hexachloroethane	8.66	117	247657	20.429	ng/ul 92
22) Nitrobenzene	8.78	77	636373	20.830	ng/ul 100
23) Isophorone	9.30	82	1130720	19.572	ng/ul 100
25) 2-Nitrophenol	9.48	139	333928	21.345	ng/ul 99
26) 2,4-Dimethylphenol	9.55	107	645137	20.423	ng/ul 99
27) Bis(2-Chloroethoxy)methane	9.79	93	775922	20.764	ng/ul 99
29) 2,4-Dichlorophenol	10.00	162	570414	20.872	ng/ul 98
30) Naphthalene	10.40	128	2041043	21.257	ng/ul 100
32) 4-Chloroaniline	10.52	127	827641	22.893	ng/ul 97
33) Hexachlorobutadiene	10.70	225	357421	20.922	ng/ul 96
34) Caprolactam	11.27	113	157888m	18.735	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	580354	19.828	ng/ul	97
36) 2-Methylnaphthalene	12.02	142	1395784	21.140	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	1342019	21.087	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	667066	21.570	ng/ul	98
40) Hexachlorocyclopentadiene	12.38	237	391501	24.297	ng/ul	99
41) 2,4,6-Trichlorophenol	12.64	196	410106	20.109	ng/ul	94
42) 2,4,5-Trichlorophenol	12.71	196	450433	20.755	ng/ul	97
43) 1,1'-Biphenyl	13.05	154	1771951	21.407	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	1386855	21.274	ng/ul	98
45) 2-Nitroaniline	13.29	65	326408	19.649	ng/ul	99
47) Dimethylphthalate	13.69	163	1668312	20.459	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	323953	20.946	ng/ul	98
50) Acenaphthylene	13.94	152	2086881	21.056	ng/ul	99
51) 3-Nitroaniline	14.13	138	226483	15.876	ng/ul	98
52) Acenaphthene	14.29	153	1486087	21.252	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	141644	20.436	ng/ul	95
55) 4-Nitrophenol	14.44	109	227993	20.859	ng/ul	98
56) Dibenzofuran	14.62	168	2016595	21.064	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	479105	21.741	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.85	232	365551	19.947	ng/ul	99
59) Diethylphthalate	15.07	149	1642090	19.808	ng/ul	98
61) Fluorene	15.27	166	1643579	21.191	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	793440	21.222	ng/ul	95
63) 4-Nitroaniline	15.29	138	202733	15.130	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	252244	22.330	ng/ul#	98
67) N-Nitrosodiphenylamine	15.49	169	1389522	21.381	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	471991	20.792	ng/ul	97
69) Hexachlorobenzene	16.27	284	541468	21.039	ng/ul	98
70) Atrazine	16.45	200	461854	20.805	ng/ul	99
71) Pentachlorophenol	16.62	266	287556	20.036	ng/ul	98
72) Phenanthrene	17.01	178	2553965	21.342	ng/ul	99
74) Anthracene	17.10	178	2653733	21.729	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	661803	22.137	ng/uL	97
76) Pentachlorobenzene	14.55	250	643639	21.578	ng/uL	98
77) Carbazole	17.37	167	2272361	22.923	ng/ul	98
78) Di-n-butylphthalate	17.96	149	2680086	19.836	ng/ul	100
80) Fluoranthene	19.03	202	2919897	20.674	ng/ul	99
82) Pyrene	19.39	202	3023713	20.884	ng/ul	99
83) Butylbenzylphthalate	20.32	149	1170346	18.806	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.09	252	766426	19.773	ng/ul	99
85) Benzo(a)anthracene	21.14	228	2886690	21.338	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.11	149	1797309	19.496	ng/ul	99
87) Chrysene	21.20	228	2832390	21.380	ng/ul	98
89) Di-n-octyl phthalate	21.97	149	3023483	22.183	ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	2897295	20.739	ng/ul	99
91) Benzo(k)fluoranthene	22.73	252	3057104	22.975	ng/ul	99
93) Benzo(a)pyrene	23.24	252	2769170	21.864	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.51	276	3452260	21.762	ng/ul	97
95) Dibenzo(a,h)anthracene	25.52	278	2872986	21.609	ng/ul	98
96) Benzo(g,h,i)perylene	26.16	276	2870250	21.351	ng/ul	99

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

