

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
 Data File : BG048363.D
 Acq On : 12 Mar 2021 9:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020009

Manual Integrations
 APPROVED

mohammad
 3/15/2021 11:31:12 AM

Quant Time: Mar 12 10:10:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 12 10:06:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	43986	20.00	ng/ul	0.00
20) Naphthalene-d8	10.95	136	177235	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	138664	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.51	188	348700	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	374807	20.00	ng/ul	0.00
88) Perylene-d12	25.15	264	374294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	7854	7.74	ng/uL	0.00
4) Pyridine-d5	3.93	84	53346	17.16	ng/ul	0.00
7) Phenol-d5	7.26	99	67316	17.62	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	41570	17.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	49623	18.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	54442	17.37	ng/ul	0.00
21) Nitrobenzene-d5	9.30	128	22546	18.37	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	25300	18.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	62819	19.03	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	71771	17.26	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	205308	18.00	ng/ul	0.00
49) Acenaphthylene-d8	14.45	160	221878	17.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	30258	17.81	ng/ul	0.00
60) Fluorene-d10	15.75	176	182403	18.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	30690	17.22	ng/ul	0.00
73) Anthracene-d10	17.61	188	297814	18.69	ng/ul	0.00
81) Pyrene-d10	19.89	212	351873	18.36	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.92	264	375916	18.53	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.54	88	7898	7.753	ng/uL 91
5) Pyridine	3.95	79	50970	16.418	ng/ul 90
6) Benzaldehyde	7.25	77	54169	22.448	ng/ul 99
8) Phenol	7.29	94	71296	17.648	ng/ul 94
10) Bis(2-Chloroethyl)ether	7.53	93	54763	18.588	ng/ul 96
12) 2-Chlorophenol	7.68	128	49378	17.518	ng/ul 94
13) 2-Methylphenol	8.55	108	51165	16.929	ng/ul 89
14) 2,2'-oxybis(1-Chloropropan	8.65	45	61873	17.776	ng/ul# 93
16) Acetophenone	8.95	105	93001	18.097	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.93	70	54226	17.797	ng/ul 97
18) 4-Methylphenol	8.88	108	56994	17.963	ng/ul 92
19) Hexachloroethane	9.21	117	25008	19.040	ng/ul# 81
22) Nitrobenzene	9.33	77	74608	18.442	ng/ul 98
23) Isophorone	9.85	82	145988	17.458	ng/ul 97
25) 2-Nitrophenol	10.04	139	29896	19.539	ng/ul 89
26) 2,4-Dimethylphenol	10.09	107	74639	18.539	ng/ul 97
27) Bis(2-Chloroethoxy)methane	10.34	93	75295	17.886	ng/ul 98
29) 2,4-Dichlorophenol	10.58	162	57033	18.493	ng/ul 92
30) Naphthalene	10.99	128	170563	18.210	ng/ul 96
32) 4-Chloroaniline	11.09	127	73915	18.077	ng/ul 88
33) Hexachlorobutadiene	11.28	225	53752	18.323	ng/ul# 87
34) Caprolactam	11.85	113	21052m	17.917	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.20	107	65703	18.165	ng/ul	99
36) 2-Methylnaphthalene	12.60	142	135863	18.805	ng/ul	96
37) 1-Methylnaphthalene	12.81	142	132591	18.529	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	96817	18.342	ng/ul	95
40) Hexachlorocyclopentadiene	12.94	237	66290	17.295	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.19	196	58628	18.049	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.26	196	63321	18.161	ng/ul	90
43) 1,1'-Biphenyl	13.60	154	183897	17.923	ng/ul	96
44) 2-Chloronaphthalene	13.64	162	142453	17.724	ng/ul	96
45) 2-Nitroaniline	13.83	65	48360	19.478	ng/ul	97
47) Dimethylphthalate	14.21	163	208670	18.111	ng/ul	98
48) 2,6-Dinitrotoluene	14.32	165	38732	19.628	ng/ul	98
50) Acenaphthylene	14.48	152	219459	18.270	ng/ul	98
51) 3-Nitroaniline	14.65	138	35204	18.556	ng/ul#	82
52) Acenaphthene	14.82	153	157410	17.670	ng/ul	99
53) 2,4-Dinitrophenol	14.85	184	23066	17.570	ng/ul	94
55) 4-Nitrophenol	14.94	109	43846	19.488	ng/ul	89
56) Dibenzofuran	15.16	168	227323	17.965	ng/ul	99
57) 2,4-Dinitrotoluene	15.11	165	52526	18.504	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.38	232	62423	18.939	ng/ul	94
59) Diethylphthalate	15.57	149	208228	18.083	ng/ul	99
61) Fluorene	15.81	166	194782	18.084	ng/ul	93
62) 4-Chlorophenyl-phenylether	15.80	204	115512	17.679	ng/ul	98
63) 4-Nitroaniline	15.82	138	40454	20.479	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.87	198	34319	18.343	ng/ul#	95
67) N-Nitrosodiphenylamine	16.01	169	175783	18.200	ng/ul	96
68) 4-Bromophenyl-phenylether	16.70	248	83571	18.844	ng/ul	96
69) Hexachlorobenzene	16.81	284	87070	18.681	ng/ul	96
70) Atrazine	16.96	200	79803	18.360	ng/ul	95
71) Pentachlorophenol	17.16	266	54155	18.315	ng/ul	91
72) Phenanthrene	17.56	178	334785	18.909	ng/ul	98
74) Anthracene	17.64	178	340287	18.682	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	100095	18.309	ng/uL	97
76) Pentachlorobenzene	15.08	250	102973	17.981	ng/uL	98
77) Carbazole	17.91	167	292787	18.973	ng/ul	96
78) Di-n-butylphthalate	18.47	149	358531	18.563	ng/ul	98
80) Fluoranthene	19.56	202	453556	19.069	ng/ul	99
82) Pyrene	19.92	202	457830	19.276	ng/ul	98
83) Butylbenzylphthalate	20.81	149	155983	18.363	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.70	252	173089	18.854	ng/ul	98
85) Benzo(a)anthracene	21.79	228	453546	18.315	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	222766	17.990	ng/ul	98
87) Chrysene	21.86	228	437280	18.466	ng/ul	98
89) Di-n-octyl phthalate	22.96	149	375847	18.448	ng/ul	100
90) Benzo(b)fluoranthene	24.08	252	461249	18.632	ng/ul	99
91) Benzo(k)fluoranthene	24.16	252	433523	17.820	ng/ul	99
93) Benzo(a)pyrene	24.99	252	398983	18.346	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.99	276	507344	18.135	ng/ul	99
95) Dibenzo(a,h)anthracene	29.06	278	422061	18.556	ng/ul	100
96) Benzo(g,h,i)perylene	30.18	276	418843	18.471	ng/ul#	91

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

