Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021221\
Data File : BG048149.D
Acq On : 12 Feb 2021 15:11
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020083

Quant Time: Feb 12 15:47:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 11:47:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	45975	20.00	ng/ul	0.00
20) Naphthalene-d8	10.91	136	184922	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.73	164	136420	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	346308	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	365216	20.00	ng/ul	0.00
88) Perylene-d12	25.00	264	370720	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	10286	8.41	ng/uL	0.00
4) Pyridine-d5	3.92	84	69962	19.60	ng/ul	0.00
7) Phenol-d5	7.25	99	84736	19.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.42	67	55755	21.59	ng/ul	0.00
11) 2-Chlorophenol-d4	7.63	132	63520	20.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.80	113	70820	20.93	ng/ul	0.00
21) Nitrobenzene-d5	9.26	128	31379	20.18	ng/ul	0.00
24) 2-Nitrophenol-d4	9.98	143	38923	20.37	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.52	165	76253	21.09	ng/ul	0.00
31) 4-Chloroaniline-d4	11.04	131	99052	21.39	ng/ul	0.00
46) Dimethylphthalate-d6	14.13	166	240757	21.13	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	274049	20.90	ng/ul	0.00
54) 4-Nitrophenol-d4	14.90	143	42115	20.61	ng/ul	0.00
60) Fluorene-d10	15.71	176	219648	21.51	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	47464	19.16	ng/ul	0.00
73) Anthracene-d10	17.57	188	354134	21.18	ng/ul	0.00
81) Pyrene-d10	19.84	212	425534	20.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.78	264	440928	21.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	11949	8.676	ng/uL#	86
5) Pyridine	3.94	79	73527	20.102	ng/ul	93
6) Benzaldehyde	7.23	77	46365	22.292	ng/ul	86
8) Phenol	7.28	94	89637	20.627	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.52	93	72815	21.864	ng/ul	94
12) 2-Chlorophenol	7.66	128	63721	20.757	ng/ul	96
13) 2-Methylphenol	8.54	108	64193	20.472	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.62	45	95616	22.150	ng/ul	98
16) Acetophenone	8.93	105	115935	21.578	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.90	70	64838	21.080	ng/ul	99
18) 4-Methylphenol	8.86	108	71109	20.719	ng/ul	97
19) Hexachloroethane	9.19	117	29386	20.697	ng/ul	98
22) Nitrobenzene	9.30	77	95759	20.549	ng/ul	99
23) Isophorone	9.83	82	178208	20.993	ng/ul	99
25) 2-Nitrophenol	10.03	139	40315	20.987	ng/ul	92
26) 2,4-Dimethylphenol	10.07	107	84333	20.995	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.31	93	98935	20.643	ng/ul	93
29) 2,4-Dichlorophenol	10.55	162	71159	20.629	ng/ul	97
30) Naphthalene	10.97	128	217867	20.899	ng/ul	97
32) 4-Chloroaniline	11.07	127	95837	21.628	ng/ul	95
33) Hexachlorobutadiene	11.25	225	62478	21.200	ng/ul	95
34) Caprolactam	11.81	113	23409	19.505	ng/ul	95

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35) 4-Chloro-3-methylphenol	12.18	107	79315	20.732	ng/ul	95
36) 2-Methylnaphthalene	12.56	142	161631	20.936	ng/ul	86
37) 1-Methylnaphthalene	12.78	142	154848	21.159	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	113212	21.178	ng/ul	98
40) Hexachlorocyclopentadiene	12.91	237	69493	19.867	ng/ul	93
41) 2,4,6-Trichlorophenol	13.16	196	69133	19.878	ng/ul	95
42) 2,4,5-Trichlorophenol	13.23	196	75154	20.275	ng/ul	97
43) 1,1'-Biphenyl	13.56	154	217981	20.909	ng/ul	95
44) 2-Chloronaphthalene	13.60	162	181436	20.789	ng/ul	95
45) 2-Nitroaniline	13.80	65	60815	20.866	ng/ul	91
47) Dimethylphthalate	14.17	163	248102	21.184	ng/ul	99
48) 2,6-Dinitrotoluene	14.29	165	52759	21.293	ng/ul	98
50) Acenaphthylene	14.45	152	263903	20.856	ng/ul	99
51) 3-Nitroaniline	14.62	138	31524	16.874	ng/ul#	93
52) Acenaphthene	14.79	153	194302	21.173	ng/ul	96
53) 2,4-Dinitrophenol	14.83	184	30272	18.297	ng/ul	96
55) 4-Nitrophenol	14.92	109	45229	21.128	ng/ul	95
56) Dibenzofuran	15.13	168	282798	21.378	ng/ul	99
57) 2,4-Dinitrotoluene	15.07	165	75195	21.482	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	75162	20.942	ng/ul#	100
59) Diethylphthalate	15.53	149	259292	21.820	ng/ul	98
61) Fluorene	15.77	166	229140	21.337	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.76	204	137782	21.086	ng/ul	97
63) 4-Nitroaniline	15.78	138	29666	16.280	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.84	198	49482	19.133	ng/ul	98
67) N-Nitrosodiphenylamine	15.97	169	203636	20.349	ng/ul	99
68) 4-Bromophenyl-phenylether	16.65	248	96298	20.955	ng/ul	92
69) Hexachlorobenzene	16.78	284	100390	20.839	ng/ul	95
70) Atrazine	16.92	200	95417	21.278	ng/ul	98
71) Pentachlorophenol	17.12	266	51981	17.750	ng/ul	96
72) Phenanthrene	17.51	178	418476	21.536	ng/ul	98
74) Anthracene	17.60	178	417071	21.116	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.53	216	113840	20.323	ng/uL	97
76) Pentachlorobenzene	15.04	250	115640	20.357	ng/uL	97
77) Carbazole	17.87	167	353576	21.833	ng/ul	99
78) Di-n-butylphthalate	18.42	149	433038	21.024	ng/ul	99
80) Fluoranthene	19.51	202	552205	21.294	ng/ul	99
82) Pyrene	19.87	202	538714	21.222	ng/ul	99
83) Butylbenzylphthalate	20.75	149	190812	20.605	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.63	252	175771	20.492	ng/ul	96
85) Benzo(a)anthracene	21.72	228	546184	21.444	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	280223	21.202	ng/ul	98
87) Chrysene	21.79	228	517810	21.076	ng/ul	100
89) Di-n-octyl phthalate	22.85	149	472283	22.607	ng/ul	100
90) Benzo(b)fluoranthene	23.97	252	542932	21.795	ng/ul	99
91) Benzo(k)fluoranthene	24.03	252	534500	21.968	ng/ul#	97
93) Benzo(a)pyrene	24.85	252	494102	21.747	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.72	276	608598	21.604	ng/ul	96
95) Dibenzo(a,h)anthracene	28.79	278	515824	22.092	ng/ul	98
96) Benzo(g,h,i)perylene	29.89	276	511339	21.760	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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