Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011321\
Data File : BG047907.D
Acq On : 13 Jan 2021 12:37
Operator : CG/JU
Sample : SSTD02006
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020006

Manual Integrations APPROVED
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1/14/2021 3:49:36 PM

Quant Time: Jan 13 13:50:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 13:21:44 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68853	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	283635	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	192981	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	472387	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	474736	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	472578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	16360	10.45	ng/uL	0.00
4) Pyridine-d5	3.98	84	112176	25.25	ng/ul	0.00
7) Phenol-d5	7.29	99	128195	22.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	81747	26.86	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	96915	22.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	101286	23.06	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	36903	15.46	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	37854	13.93	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	106625	18.58	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	151149	22.63	ng/ul	0.00
46) Dimethylphthalate-d6	14.17	166	340122	21.36	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	398993	21.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	47243	19.48	ng/ul	0.00
60) Fluorene-d10	15.76	176	295805	19.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	37706	11.66	ng/ul	0.00
73) Anthracene-d10	17.62	188	477259	20.78	ng/ul	0.00
81) Pyrene-d10	19.89	212	571394	22.23	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.88	264	578119	21.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	16934	10.487	ng/uL	100
5) Pyridine	4.00	79	113878	27.329	ng/ul	100
6) Benzaldehyde	7.29	77	34037	12.825	ng/ul	100
8) Phenol	7.32	94	130555	23.002	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.57	93	103556	26.233	ng/ul	100
12) 2-Chlorophenol	7.71	128	95593	22.059	ng/ul	100
13) 2-Methylphenol	8.58	108	99660	23.080	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.68	45	154650	42.093	ng/ul	100
16) Acetophenone	8.97	105	160660	21.774	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.95	70	91062	22.476	ng/ul	100
18) 4-Methylphenol	8.91	108	102482	21.628	ng/ul	100
19) Hexachloroethane	9.25	117	42139	19.858	ng/ul	100
22) Nitrobenzene	9.35	77	111758	15.726	ng/ul	100
23) Isophorone	9.88	82	263909	21.381	ng/ul	100
25) 2-Nitrophenol	10.07	139	43558	15.344	ng/ul	100
26) 2,4-Dimethylphenol	10.12	107	124092	18.622	ng/ul	100
27) Bis(2-Chloroethoxy)methane	10.36	93	143375	24.337	ng/ul	100
29) 2,4-Dichlorophenol	10.61	162	98752	18.758	ng/ul	100
30) Naphthalene	11.02	128	317345	20.251	ng/ul	100
32) 4-Chloroaniline	11.12	127	138390	21.677	ng/ul	100
33) Hexachlorobutadiene	11.31	225	88940	15.732	ng/ul	100
34) Caprolactam	11.87	113	36635m	20.543	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.22	107	111136	19.152	ng/ul	100
36) 2-Methylnaphthalene	12.62	142	242853	20.537	ng/ul	100
37) 1-Methylnaphthalene	12.83	142	229974	20.355	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	153281	19.286	ng/ul	100
40) Hexachlorocyclopentadiene	12.96	237	90935	17.451	ng/ul	100
41) 2,4,6-Trichlorophenol	13.20	196	91844	19.271	ng/ul	100
42) 2,4,5-Trichlorophenol	13.27	196	98050	19.425	ng/ul	100
43) 1,1'-Biphenyl	13.61	154	317783	21.319	ng/ul	100
44) 2-Chloronaphthalene	13.66	162	247606	21.104	ng/ul	100
45) 2-Nitroaniline	13.84	65	56167	13.937	ng/ul	100
47) Dimethylphthalate	14.22	163	350417	21.473	ng/ul	100
48) 2,6-Dinitrotoluene	14.34	165	49760	14.432	ng/ul	100
50) Acenaphthylene	14.50	152	377339	21.988	ng/ul	100
51) 3-Nitroaniline	14.66	138	32918	13.297	ng/ul	100
52) Acenaphthene	14.84	153	277867	22.782	ng/ul	100
53) 2,4-Dinitrophenol	14.87	184	27724	13.555	ng/ul	100
55) 4-Nitrophenol	14.95	109	49693	12.081	ng/ul	100
56) Dibenzofuran	15.17	168	375161	21.235	ng/ul	100
57) 2,4-Dinitrotoluene	15.12	165	70247	14.215	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	90782	19.421	ng/ul	100
59) Diethylphthalate	15.58	149	344048	21.297	ng/ul	100
61) Fluorene	15.82	166	316908	20.869	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.81	204	179574	18.907	ng/ul	100
63) 4-Nitroaniline	15.82	138	32957	14.160	ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.88	198	42011	12.801	ng/ul	100
67) N-Nitrosodiphenylamine	16.02	169	286858	21.824	ng/ul	100
68) 4-Bromophenyl-phenylether	16.70	248	122183	20.145	ng/ul	100
69) Hexachlorobenzene	16.82	284	123411	18.535	ng/ul	100
70) Atrazine	16.96	200	124704	19.915	ng/ul	100
71) Pentachlorophenol	17.16	266	75431	24.102	ng/ul	100
72) Phenanthrene	17.56	178	546810	21.318	ng/ul	100
74) Anthracene	17.65	178	544284	21.240	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	155231	20.277	ng/uL	100
76) Pentachlorobenzene	15.09	250	150627	20.163	ng/uL	100
77) Carbazole	17.91	167	477706	22.869	ng/ul	100
78) Di-n-butylphthalate	18.48	149	602157	23.503	ng/ul	100
80) Fluoranthene	19.56	202	729935	22.433	ng/ul	100
82) Pyrene	19.92	202	706702	22.000	ng/ul	100
83) Butylbenzylphthalate	20.81	149	256567	22.896	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.69	252	236918	20.269	ng/ul	100
85) Benzo(a)anthracene	21.78	228	718719	21.448	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.70	149	368549	23.861	ng/ul	100
87) Chrysene	21.85	228	691322	21.742	ng/ul	100
89) Di-n-octyl phthalate	22.95	149	622156	25.017	ng/ul	100
90) Benzo(b)fluoranthene	24.05	252	711511	21.541	ng/ul	100
91) Benzo(k)fluoranthene	24.13	252	703223	21.550	ng/ul	100
93) Benzo(a)pyrene	24.95	252	639264	21.945	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.90	276	793064	22.001	ng/ul	100
95) Dibenzo(a,h)anthracene	28.96	278	633632	21.166	ng/ul	100
96) Benzo(g,h,i)perylene	30.07	276	655586	22.083	ng/ul	100

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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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