Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048238.D
Acq On : 20 Feb 2021 15:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02042

Manual Integrations APPROVED
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2/22/2021 2:09:05 PM

Quant Time: Feb 21 08:42:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 21 00:21:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	145758	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	104863	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	250335	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	284727	20.00	ng/ul	0.00
86) Perylene-d12	25.05	264	286204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6986	7.72	ng/uL	0.00
5) Phenol-d5	7.30	99	67719	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	39470	20.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	47784	21.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	52255	20.98	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	23176	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	29246	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	55539	21.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	62727	24.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	161207	20.75	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	195654	20.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	27502	20.84	ng/ul	0.00
58) Fluorene-d10	15.73	176	146008	21.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	33051	21.53	ng/ul	0.00
71) Anthracene-d10	17.59	188	231398	21.56	ng/ul	0.00
79) Pyrene-d10	19.86	212	279444	19.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	298166	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8386	8.078	ng/uL	94
4) Benzaldehyde	7.25	77	49277	26.399	ng/ul	94
6) Phenol	7.32	94	69618	21.237	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.53	93	51833	20.936	ng/ul	89
10) 2-Chlorophenol	7.69	128	49020	20.791	ng/ul	92
11) 2-Methylphenol	8.57	108	48371	20.395	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.63	45	68103	21.046	ng/ul#	95
14) Acetophenone	8.94	105	86847	21.410	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.92	70	47288	20.993	ng/ul	99
16) 4-Methylphenol	8.91	108	53356	20.847	ng/ul	90
17) Hexachloroethane	9.20	117	22124	21.007	ng/ul	97
20) Nitrobenzene	9.32	77	72328	21.810	ng/ul	97
21) Isophorone	9.85	82	123192	21.026	ng/ul	97
23) 2-Nitrophenol	10.04	139	29248	21.779	ng/ul	96
24) 2,4-Dimethylphenol	10.11	107	65491	22.037	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.32	93	68324	20.687	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	52990	21.476	ng/ul	88
28) Naphthalene	10.98	128	153411	20.867	ng/ul#	95
30) 4-Chloroaniline	11.09	127	61789	23.633	ng/ul	92
31) Hexachlorobutadiene	11.25	225	46666	21.685	ng/ul	90
32) Caprolactam	11.89	113	17837	20.716	ng/ul	81
33) 4-Chloro-3-methylphenol	12.23	107	57479	21.041	ng/ul#	95
34) 2-Methylnaphthalene	12.57	142	115554	20.678	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	113637	21.022 ng/uL	95
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	82422	21.850 ng/ul	98
38) Hexachlorocyclopentadiene	12.91	237	43142	17.739 ng/ul#	87
39) 2,4,6-Trichlorophenol	13.18	196	52972	22.805 ng/ul	95
40) 2,4,5-Trichlorophenol	13.27	196	56905	24.106 ng/ul	94
41) 1,1'-Biphenyl	13.57	154	151704	21.089 ng/ul	99
42) 2-Chloronaphthalene	13.62	162	129333	21.821 ng/ul	96
43) 2-Nitroaniline	13.83	65	47310	23.081 ng/ul	92
45) Dimethylphthalate	14.19	163	163463	20.358 ng/ul	98
46) 2,6-Dinitrotoluene	14.32	165	36100	21.377 ng/ul	91
48) Acenaphthylene	14.47	152	183148	21.567 ng/ul	97
49) 3-Nitroaniline	14.66	138	34429	24.188 ng/ul	88
50) Acenaphthene	14.80	153	134301	21.072 ng/ul	94
51) 2,4-Dinitrophenol	14.87	184	21527	20.412 ng/ul	97
53) 4-Nitrophenol	14.99	109	32271	21.658 ng/ul	91
54) Dibenzofuran	15.14	168	193505	20.803 ng/ul	99
55) 2,4-Dinitrotoluene	15.11	165	51439	21.206 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.37	232	52116	21.596 ng/ul	93
57) Diethylphthalate	15.55	149	169307	20.426 ng/ul	97
59) Fluorene	15.79	166	153030	20.350 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.77	204	92951	20.604 ng/ul	93
61) 4-Nitroaniline	15.82	138	37109m	23.159 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.87	198	33634	21.991 ng/ul	99
65) N-Nitrosodiphenylamine	15.99	169	141385	22.005 ng/ul	96
66) 4-Bromophenyl-phenylether	16.67	248	62248	21.037 ng/ul	96
67) Hexachlorobenzene	16.79	284	66245	21.121 ng/ul	99
68) Atrazine	16.94	200	62457	21.738 ng/ul	100
69) Pentachlorophenol	17.14	266	37873	21.625 ng/ul	93
70) Phenanthrene	17.53	178	268793	21.371 ng/ul	96
72) Anthracene	17.62	178	279845	22.057 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	83101	22.217 ng/uL	96
74) Pentachlorobenzene	15.05	250	77854	21.228 ng/uL	95
75) Carbazole	17.90	167	250441	23.603 ng/ul	98
76) Di-n-butylphthalate	18.43	149	294436	22.749 ng/ul	99
77) Fluoranthene	19.53	202	354837	23.138 ng/ul	98
80) Pyrene	19.89	202	360737	20.392 ng/ul	98
81) Butylbenzylphthalate	20.76	149	138134	22.315 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.66	252	139804	23.999 ng/ul	96
83) Benzo(a)anthracene	21.74	228	382058	21.478 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	197210	21.941 ng/ul	98
85) Chrysene	21.81	228	368311	21.665 ng/ul	98
87) Di-n-octyl phthalate	22.86	149	335755	22.846 ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	382164	21.264 ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	369462	20.990 ng/ul	95
91) Benzo(a)pyrene	24.89	252	336812	21.299 ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	28.80	276	424404	20.979 ng/ul	99
93) Dibenzo(a,h)anthracene	28.87	278	359602	21.257 ng/ul	96
94) Benzo(g,h,i)perylene	29.98	276	352073m	20.928 ng/ul	

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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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