Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010521\
Data File : BG047866.D
Acq On : 5 Jan 2021 13:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 05 15:09:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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1/6/2021 12:01:39 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.203	152	39283	20.00	ng	#	0.00
21) Naphthalene-d8	11.029	136	150851	20.00	ng	#	0.00
39) Acenaphthene-d10	14.824	164	117946	20.00	ng		0.00
64) Phenanthrene-d10	17.556	188	297983	20.00	ng	#	0.00
76) Chrysene-d12	21.839	240	272775	20.00	ng	#	0.00
86) Perylene-d12	25.188	264	289670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.729	112	184155	81.10	ng		0.00
7) Phenol-d6	7.345	99	288405	86.88	ng		0.00
23) Nitrobenzene-d5	9.372	82	327596	79.88	ng		0.00
42) 2,4,6-Tribromophenol	16.305	330	172855	85.85	ng		0.00
45) 2-Fluorobiphenyl	13.449	172	748303	82.10	ng		0.00
79) Terphenyl-d14	20.141	244	1376536	83.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.555	88	40300	41.31	ng	#	80
3) Pyridine	3.972	79	104237	41.40	ng	#	79
4) n-Nitrosodimethylamine	3.878	42	79423	39.86	ng	#	45
6) Aniline	7.515	93	156773	42.58	ng		91
8) 2-Chlorophenol	7.756	128	99796	43.12	ng		95
9) Benzaldehyde	7.327	77	87357	40.16	ng	#	84
10) Phenol	7.368	94	133165	44.25	ng	#	52
11) bis(2-Chloroethyl)ether	7.609	93	96274	44.89	ng		98
12) 1,3-Dichlorobenzene	8.085	146	124720	39.97	ng	#	88
13) 1,4-Dichlorobenzene	8.232	146	128782	41.30	ng		96
14) 1,2-Dichlorobenzene	8.555	146	120769	41.19	ng		96
15) Benzyl Alcohol	8.432	79	134223	45.64	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	8.720	45	96431	45.26	ng		78
17) 2-Methylphenol	8.637	107	95822	45.12	ng	#	77
18) Hexachloroethane	9.295	117	49954	40.86	ng		96
19) n-Nitroso-di-n-propyla...	9.007	70	103408	44.77	ng		94
20) 3+4-Methylphenols	8.966	107	130901	44.99	ng		83
22) Acetophenone	9.025	105	182482	42.27	ng	#	91
24) Nitrobenzene	9.413	77	154872	40.01	ng	#	81
25) Isophorone	9.936	82	269903	43.64	ng	#	93
26) 2-Nitrophenol	10.130	139	66547	43.46	ng	#	58
27) 2,4-Dimethylphenol	10.177	122	91054	41.31	ng	#	75
28) bis(2-Chloroethoxy)met...	10.412	93	130724	40.89	ng		97
29) 2,4-Dichlorophenol	10.664	162	120663	42.03	ng		94
30) 1,2,4-Trichlorobenzene	10.888	180	152040	41.28	ng		99
31) Naphthalene	11.076	128	347464	41.91	ng		98
32) Benzoic acid	10.318	122	32739	28.29	ng	#	74
33) 4-Chloroaniline	11.176	127	148657	42.20	ng	#	88
34) Hexachlorobutadiene	11.358	225	128770	39.65	ng		98
35) Caprolactam	11.951	113	41325	45.33	ng	#	74
36) 4-Chloro-3-methylphenol	12.280	107	142143	45.31	ng	#	78
37) 2-Methylnaphthalene	12.668	142	270411	42.04	ng	#	90
38) 1-Methylnaphthalene	12.885	142	256463	42.19	ng	#	95
40) 1,2,4,5-Tetrachloroben...	13.026	216	194434	40.17	ng	#	98
41) Hexachlorocyclopentadiene	13.009	237	101901	38.88	ng		99
43) 2,4,6-Trichlorophenol	13.261	196	128818	41.65	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.338	196	133752	43.71	ng	#	93
46) 1,1'-Biphenyl	13.661	154	365106	40.56	ng		97
47) 2-Chloronaphthalene	13.708	162	301554	41.21	ng		94
48) 2-Nitroaniline	13.902	65	116374	43.03	ng	#	75
49) Acenaphthylene	14.548	152	446865	41.14	ng		98
50) Dimethylphthalate	14.266	163	422598	41.57	ng		97
51) 2,6-Dinitrotoluene	14.389	165	86639	41.92	ng	#	47
52) Acenaphthene	14.889	154	324437m	42.35	ng		
53) 3-Nitroaniline	14.718	138	87896	42.92	ng	#	75
54) 2,4-Dinitrophenol	14.924	184	56725	42.84	ng	#	50
55) Dibenzofuran	15.218	168	460587	41.47	ng		92
56) 4-Nitrophenol	15.018	139	62954	42.64	ng	#	24
57) 2,4-Dinitrotoluene	15.171	165	127524	41.51	ng	#	63
58) Fluorene	15.864	166	394665	41.84	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.441	232	134513	43.03	ng	#	96
60) Diethylphthalate	15.617	149	412299	42.06	ng		97
61) 4-Chlorophenyl-phenyle...	15.847	204	250186	42.08	ng		93
62) 4-Nitroaniline	15.882	138	96146	42.68	ng	#	24
63) Azobenzene	16.140	77	381023	41.69	ng		84
65) 4,6-Dinitro-2-methylph...	15.935	198	81176	42.63	ng		88
66) n-Nitrosodiphenylamine	16.064	169	357023	41.87	ng		94
67) 4-Bromophenyl-phenylether	16.740	248	165450	41.32	ng	#	87
68) Hexachlorobenzene	16.869	284	178778	41.16	ng		96
69) Atrazine	16.998	200	125111	34.93	ng		97
70) Pentachlorophenol	17.204	266	99260	42.73	ng		97
71) Phenanthrene	17.603	178	654268	40.73	ng		97
72) Anthracene	17.691	178	635411	40.80	ng		97
73) Carbazole	17.956	167	556406	40.80	ng		98
74) Di-n-butylphthalate	18.496	149	683460	42.52	ng	#	95
75) Fluoranthene	19.595	202	836470	38.84	ng		94
77) Benzidine	19.765	184	321209	43.79	ng		99
78) Pyrene	19.959	202	827053	42.32	ng		96
80) Butylbenzylphthalate	20.817	149	292304	43.62	ng	#	86
81) Benzo(a)anthracene	21.816	228	807078	41.19	ng		96
82) 3,3'-Dichlorobenzidine	21.722	252	283058	41.05	ng	#	96
83) Chrysene	21.886	228	759634	41.05	ng		99
84) Bis(2-ethylhexyl)phtha...	21.693	149	394048	42.66	ng		95
85) Di-n-octyl phthalate	22.944	149	657241	41.96	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.043	276	901176	40.97	ng	#	86
88) Benzo(b)fluoranthene	24.119	252	848327	42.48	ng	#	96
89) Benzo(k)fluoranthene	24.190	252	793044	40.96	ng	#	96
90) Benzo(a)pyrene	25.030	252	775031	41.70	ng	#	95
91) Dibenzo(a,h)anthracene	29.102	278	739807	41.52	ng	#	91
92) Benzo(g,h,i)perylene	30.259	276	718953	41.25	ng	#	86

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

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