Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
Data File : BG045949.D
Acq On : 6 Jul 2020 21:02
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
7/7/2020 12:03:30 PM

Quant Time: Jul 07 09:52:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 00:57:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	144636	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	541737	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	316752	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	651670	20.00	ng		0.00
76) Chrysene-d12	21.64	240	574655	20.00	ng		0.00
86) Perylene-d12	24.79	264	644345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	994821	116.19	ng		0.00
7) Phenol-d6	7.17	99	1416843	108.79	ng		0.00
23) Nitrobenzene-d5	9.17	82	1164178	98.17	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	359376	75.15	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2216321	102.83	ng		0.00
79) Terphenyl-d14	19.99	244	2672574	94.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	239593	61.097	ng		98
3) Pyridine	3.90	79	728473m	62.687	ng		
4) n-Nitrosodimethylamine	3.82	42	258031	66.150	ng		95
6) Aniline	7.33	93	913992	59.601	ng		98
8) 2-Chlorophenol	7.58	128	536185	58.504	ng		98
10) Phenol	7.20	94	718630	56.947	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	596819	62.265	ng		99
12) 1,3-Dichlorobenzene	7.90	146	620314	56.796	ng		99
13) 1,4-Dichlorobenzene	8.05	146	611893	56.089	ng		98
14) 1,2-Dichlorobenzene	8.37	146	575191	55.074	ng		96
15) Benzyl Alcohol	8.24	79	571050	56.660	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	792032	87.676	ng		98
17) 2-Methylphenol	8.44	107	538276	57.316	ng		97
18) Hexachloroethane	9.10	117	235424	56.820	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	502850	58.728	ng		99
20) 3+4-Methylphenols	8.78	107	733852	59.416	ng		99
22) Acetophenone	8.83	105	827479	55.651	ng	#	97
24) Nitrobenzene	9.21	77	652277	51.588	ng		99
25) Isophorone	9.74	82	1302835	56.751	ng		98
26) 2-Nitrophenol	9.92	139	224679	42.652	ng		97
27) 2,4-Dimethylphenol	9.98	122	466475	58.002	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	731504	61.001	ng		99
29) 2,4-Dichlorophenol	10.45	162	497013	52.969	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	534800	48.145	ng		98
31) Naphthalene	10.86	128	1613168	54.467	ng		98
32) Benzoic acid	10.14	122	313438	68.161	ng		95
33) 4-Chloroaniline	10.96	127	737709	59.479	ng		99
34) Hexachlorobutadiene	11.16	225	314900	39.861	ng		98
35) Caprolactam	11.74	113	182238	60.018	ng		93
36) 4-Chloro-3-methylphenol	12.08	107	558507	51.552	ng		98
37) 2-Methylnaphthalene	12.46	142	1160596	52.624	ng		99
38) 1-Methylnaphthalene	12.68	142	1096244	52.526	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	516630	49.534	ng		99
41) Hexachlorocyclopentadiene	12.82	237	317553	67.093	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	358446	50.689	ng		97
44) 2,4,5-Trichlorophenol	13.13	196	413421	51.296	ng		99
46) 1,1'-Biphenyl	13.47	154	1352870	59.657	ng		99
47) 2-Chloronaphthalene	13.51	162	1063757	58.070	ng		97
49) Acenaphthylene	14.35	152	1687514	57.512	ng		98
50) Dimethylphthalate	14.10	163	1317353	53.089	ng		99
51) 2,6-Dinitrotoluene	14.20	165	262007	47.011	ng		97
52) Acenaphthene	14.70	154	1092579	61.431	ng		97
53) 3-Nitroaniline	14.53	138	317534	57.040	ng		94
54) 2,4-Dinitrophenol	14.72	184	95351	39.626	ng	#	83
55) Dibenzofuran	15.03	168	1549825	53.641	ng		97
56) 4-Nitrophenol	14.83	139	250684	69.890	ng		99
57) 2,4-Dinitrotoluene	14.98	165	337474	42.262	ng		91
58) Fluorene	15.68	166	1263436	52.588	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	322188	46.059	ng		94
60) Diethylphthalate	15.46	149	1379796	54.394	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	639601	46.190	ng		97
62) 4-Nitroaniline	15.69	138	321224	56.224	ng		97
63) Azobenzene	15.97	77	1499541	61.565	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	144626	35.911	ng		95
66) n-Nitrosodiphenylamine	15.89	169	1133623	61.416	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	416735	49.215	ng		96
68) Hexachlorobenzene	16.69	284	415954	47.373	ng		96
69) Atrazine	16.84	200	311560	43.499	ng		98
70) Pentachlorophenol	17.02	266	256933	71.280	ng		98
71) Phenanthrene	17.42	178	1895136	56.387	ng		97
72) Anthracene	17.51	178	1913365	57.170	ng		97
73) Carbazole	17.77	167	1899309	59.601	ng		98
74) Di-n-butylphthalate	18.35	149	2212005	58.624	ng		98
75) Fluoranthene	19.42	202	2131790	51.582	ng		97
77) Benzidine	19.60	184	922634	61.759	ng		100
78) Pyrene	19.78	202	2174104	56.498	ng		99
80) Butylbenzylphthalate	20.69	149	1073447	66.644	ng		96
81) Benzo(a)anthracene	21.62	228	2084924	55.960	ng		97
82) 3,3'-Dichlorobenzidine	21.53	252	797103	56.561	ng		98
83) Chrysene	21.69	228	1997879	55.442	ng		96
84) Bis(2-ethylhexyl)phthalate	21.56	149	1490711	66.537	ng		99
85) Di-n-octyl phthalate	22.77	149	2624641	67.915	ng		98
87) Indeno(1,2,3-cd)pyrene	28.40	276	2689446	57.575	ng		97
88) Benzo(b)fluoranthene	23.81	252	2274773	56.306	ng		98
89) Benzo(k)fluoranthene	23.87	252	2122279	54.887	ng		99
90) Benzo(a)pyrene	24.65	252	2150285	56.978	ng		98
91) Dibenzo(a,h)anthracene	28.46	278	2127644	56.799	ng		99
92) Benzo(g,h,i)perylene	29.52	276	2161716	57.656	ng		99

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

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