Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045398.D
Acq On : 15 May 2020 15:05
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
5/18/2020 1:20:05 PM

Quant Time: May 15 15:43:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 13:09:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71324	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	274114	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	188206	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	453904	20.00	ng		0.00
76) Chrysene-d12	21.63	240	418825	20.00	ng		0.00
87) Perylene-d12	24.78	264	475761	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	676697	156.64	ng		0.00
7) Phenol-d6	7.14	99	966649	150.60	ng		0.00
23) Nitrobenzene-d5	9.13	82	961865	160.11	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	472918	162.65	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1972603	153.69	ng		0.00
79) Terphenyl-d14	19.98	244	2989221	155.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	165461	86.180	ng		98
3) Pyridine	3.82	79	485474m	82.124	ng		
4) n-Nitrosodimethylamine	3.73	42	160840	88.817	ng	#	89
6) Aniline	7.30	93	633862	75.952	ng		99
8) 2-Chlorophenol	7.54	128	368833	79.438	ng		99
9) Benzaldehyde	7.10	77	266413	70.045	ng		95
10) Phenol	7.17	94	499442	77.757	ng		100
11) bis(2-Chloroethyl)ether	7.39	93	394555	77.153	ng		99
12) 1,3-Dichlorobenzene	7.86	146	444646	81.270	ng		98
13) 1,4-Dichlorobenzene	8.00	146	444798	81.589	ng		98
14) 1,2-Dichlorobenzene	8.32	146	422177	80.945	ng		98
15) Benzyl Alcohol	8.21	79	415903	77.283	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	364996	72.709	ng		98
17) 2-Methylphenol	8.42	107	379529	76.584	ng		97
18) Hexachloroethane	9.05	117	168955	82.438	ng		95
19) n-Nitroso-di-n-propylamine	8.78	70	332940	73.346	ng		98
20) 3+4-Methylphenols	8.75	107	522750	75.361	ng		98
22) Acetophenone	8.79	105	614490	82.896	ng	#	99
24) Nitrobenzene	9.18	77	509892	82.803	ng		98
25) Isophorone	9.70	82	941203	76.505	ng		97
26) 2-Nitrophenol	9.89	139	227096	85.616	ng		93
27) 2,4-Dimethylphenol	9.95	122	325337	77.300	ng		99
28) bis(2-Chloroethoxy)methane	10.18	93	488691	75.603	ng		97
29) 2,4-Dichlorophenol	10.43	162	394027	81.079	ng		98
30) 1,2,4-Trichlorobenzene	10.64	180	459120	83.442	ng		98
31) Naphthalene	10.83	128	1191520	79.459	ng		98
32) Benzoic acid	10.16	122	266316	84.364	ng		93
33) 4-Chloroaniline	10.93	127	518769	74.181	ng		97
34) Hexachlorobutadiene	11.12	225	322858	85.583	ng		99
35) Caprolactam	11.74	113	142727m	73.792	ng		
36) 4-Chloro-3-methylphenol	12.07	107	442970	77.592	ng		98
37) 2-Methylnaphthalene	12.44	142	895287	76.920	ng		96
38) 1-Methylnaphthalene	12.65	142	837469m	76.218	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	501126	82.698	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	335669	88.627 ng		98
43) 2,4,6-Trichlorophenol	13.05	196	359013	83.946 ng		97
44) 2,4,5-Trichlorophenol	13.12	196	405570	83.312 ng		99
46) 1,1'-Biphenyl	13.45	154	1080011	75.499 ng		97
47) 2-Chloronaphthalene	13.49	162	884042	80.879 ng		97
48) 2-Nitroaniline	13.69	65	304848	84.767 ng		92
49) Acenaphthylene	14.33	152	1406659	79.007 ng		96
50) Dimethylphthalate	14.07	163	1194330	77.936 ng	#	98
51) 2,6-Dinitrotoluene	14.19	165	282699	82.476 ng		96
52) Acenaphthene	14.68	154	998054m	82.852 ng		
53) 3-Nitroaniline	14.52	138	286986	76.339 ng		95
54) 2,4-Dinitrophenol	14.73	184	193608	94.990 ng		96
55) Dibenzofuran	15.01	168	1378968	78.518 ng		93
56) 4-Nitrophenol	14.84	139	227101	77.911 ng		90
57) 2,4-Dinitrotoluene	14.98	165	406342	81.119 ng		97
58) Fluorene	15.67	166	1141683	79.586 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	367628	84.873 ng		99
60) Diethylphthalate	15.44	149	1238313	77.504 ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	675045	81.754 ng		97
62) 4-Nitroaniline	15.69	138	298373	76.522 ng		97
63) Azobenzene	15.95	77	1161110	78.823 ng		96
65) 4,6-Dinitro-2-methylphenol	15.75	198	264858	88.773 ng		96
66) n-Nitrosodiphenylamine	15.87	169	1020433	78.245 ng		98
67) 4-Bromophenyl-phenylether	16.55	248	478275	81.677 ng		95
68) Hexachlorobenzene	16.68	284	493734	81.299 ng		97
69) Atrazine	16.82	200	413318	79.291 ng		99
70) Pentachlorophenol	17.02	266	291267	78.180 ng		99
71) Phenanthrene	17.41	178	1794548	76.937 ng		96
72) Anthracene	17.50	178	1778049	75.994 ng		95
73) Carbazole	17.76	167	1734064	73.033 ng		96
74) Di-n-butylphthalate	18.33	149	2017790	72.470 ng	#	95
75) Fluoranthene	19.41	202	2147919	72.549 ng		94
77) Benzidine	19.59	184	914206	67.827 ng	#	94
78) Pyrene	19.78	202	2131190	73.810 ng		94
80) Butylbenzylphthalate	20.67	149	936070	78.210 ng		96
81) Benzo(a)anthracene	21.61	228	2116539	77.969 ng		95
82) 3,3'-Dichlorobenzidine	21.52	252	845392	78.243 ng		99
83) Chrysene	21.68	228	2015227	77.265 ng		94
84) Bis(2-ethylhexyl)phthalate	21.52	149	1307350	79.421 ng		97
85) Di-n-octyl phthalate	22.72	149	2230143	78.346 ng		99
86) Indeno(1,2,3-cd)pyrene	28.39	276	2865122	82.738 ng	#	96
88) Benzo(b)fluoranthene	23.80	252	2385457	80.045 ng		98
89) Benzo(k)fluoranthene	23.86	252	2195314	77.460 ng		97
90) Benzo(a)pyrene	24.65	252	2208080	78.475 ng	#	94
91) Dibenzo(a,h)anthracene	28.46	278	2251874	79.425 ng		99
92) Benzo(g,h,i)perylene	29.52	276	2271554	79.914 ng		96

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

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