Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045396.D
Acq On : 15 May 2020 13:46
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
5/18/2020 1:20:00 PM

Quant Time: May 15 14:28:59 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	63931	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	256357	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	177867	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	423172	20.00	ng		0.00
76) Chrysene-d12	21.62	240	398478	20.00	ng		0.00
87) Perylene-d12	24.78	264	459943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	397204	102.57	ng		0.00
7) Phenol-d6	7.14	99	575107	99.96	ng		0.00
23) Nitrobenzene-d5	9.13	82	566012	100.74	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	268344	97.66	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1238868	102.13	ng		0.00
79) Terphenyl-d14	19.97	244	2012627	110.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	97146	56.449	ng		99
3) Pyridine	3.81	79	279163	52.685	ng		98
4) n-Nitrosodimethylamine	3.73	42	89244	54.980	ng		98
6) Aniline	7.29	93	370503	49.529	ng		98
8) 2-Chlorophenol	7.53	128	220944	53.089	ng		98
9) Benzaldehyde	7.10	77	181166	53.140	ng		94
10) Phenol	7.16	94	294665	51.181	ng		100
11) bis(2-Chloroethyl)ether	7.38	93	229578	50.084	ng		96
12) 1,3-Dichlorobenzene	7.85	146	262417	53.510	ng		99
13) 1,4-Dichlorobenzene	8.00	146	260660	53.342	ng		97
14) 1,2-Dichlorobenzene	8.32	146	248750	53.209	ng		97
15) Benzyl Alcohol	8.20	79	237963	49.332	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	215757	47.950	ng		100
17) 2-Methylphenol	8.41	107	220093	49.548	ng		98
18) Hexachloroethane	9.05	117	99113	53.953	ng		93
19) n-Nitroso-di-n-propylamine	8.78	70	196404	48.271	ng		98
20) 3+4-Methylphenols	8.75	107	301892	48.555	ng		98
22) Acetophenone	8.79	105	365503	52.723	ng		99
24) Nitrobenzene	9.17	77	300387	52.160	ng		98
25) Isophorone	9.69	82	559889	48.663	ng		98
26) 2-Nitrophenol	9.88	139	132893	53.572	ng		94
27) 2,4-Dimethylphenol	9.95	122	191574	48.671	ng		98
28) bis(2-Chloroethoxy)methane	10.18	93	289878	47.952	ng		97
29) 2,4-Dichlorophenol	10.43	162	233897	51.463	ng		97
30) 1,2,4-Trichlorobenzene	10.64	180	267916	52.064	ng		98
31) Naphthalene	10.83	128	717461	51.160	ng		99
32) Benzoic acid	10.12	122	138279	46.838	ng		97
33) 4-Chloroaniline	10.93	127	299865	45.849	ng		96
34) Hexachlorobutadiene	11.12	225	189330	53.664	ng		99
35) Caprolactam	11.71	113	82821	45.786	ng		90
36) 4-Chloro-3-methylphenol	12.07	107	256137	47.973	ng		98
37) 2-Methylnaphthalene	12.44	142	534279	49.083	ng		97
38) 1-Methylnaphthalene	12.65	142	499744	48.632	ng	#	96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	296210	51.723	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	184569	51.565	ng		96
43) 2,4,6-Trichlorophenol	13.05	196	209946	51.944	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	239862	52.137	ng		95
46) 1,1'-Biphenyl	13.44	154	652738	48.283	ng		99
47) 2-Chloronaphthalene	13.49	162	524379	50.763	ng		99
48) 2-Nitroaniline	13.68	65	176932	52.058	ng		91
49) Acenaphthylene	14.33	152	850187	50.528	ng		100
50) Dimethylphthalate	14.06	163	715685	49.416	ng		97
51) 2,6-Dinitrotoluene	14.18	165	162520	50.170	ng		100
52) Acenaphthene	14.68	154	580449m	50.986	ng		
53) 3-Nitroaniline	14.51	138	168827	47.519	ng		99
54) 2,4-Dinitrophenol	14.72	184	105925	54.991	ng		96
55) Dibenzofuran	15.01	168	827469	49.855	ng		96
56) 4-Nitrophenol	14.83	139	130868	47.507	ng		91
57) 2,4-Dinitrotoluene	14.97	165	236842	50.030	ng		98
58) Fluorene	15.66	166	686460	50.634	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	208042	50.822	ng		99
60) Diethylphthalate	15.43	149	740314	49.028	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	396978	50.873	ng		99
62) 4-Nitroaniline	15.68	138	174830	47.444	ng		99
63) Azobenzene	15.94	77	700881	50.346	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	151219	54.365	ng		97
66) n-Nitrosodiphenylamine	15.87	169	606785	49.906	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	273710	50.137	ng		98
68) Hexachlorobenzene	16.67	284	289647	51.157	ng		95
69) Atrazine	16.82	200	245665	50.551	ng		98
70) Pentachlorophenol	17.02	266	159224	45.841	ng		95
71) Phenanthrene	17.40	178	1094662	50.339	ng		100
72) Anthracene	17.49	178	1090639	49.999	ng		97
73) Carbazole	17.76	167	1057173	47.758	ng		99
74) Di-n-butylphthalate	18.33	149	1262834	48.649	ng		98
75) Fluoranthene	19.42	202	1365402	49.468	ng		99
77) Benzidine	19.59	184	712660	55.574	ng		98
78) Pyrene	19.77	202	1360069	49.509	ng		99
80) Butylbenzylphthalate	20.66	149	587758	51.616	ng		97
81) Benzo(a)anthracene	21.61	228	1320385	51.124	ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	527147	51.280	ng		98
83) Chrysene	21.67	228	1271955	51.257	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	811314	51.804	ng		99
85) Di-n-octyl phthalate	22.71	149	1410328	52.075	ng		100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1731928	52.568	ng	#	96
88) Benzo(b)fluoranthene	23.79	252	1479612	51.356	ng		99
89) Benzo(k)fluoranthene	23.85	252	1367274	49.903	ng		99
90) Benzo(a)pyrene	24.64	252	1371452	50.418	ng		99
91) Dibenzo(a,h)anthracene	28.44	278	1374882	50.160	ng		99
92) Benzo(g,h,i)perylene	29.50	276	1382635	50.315	ng		97

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

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