Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033866.D
Acq On : 19 Apr 2018 12:29
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
4/20/2018 3:07:42 PM

Quant Time: Apr 19 13:31:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:09:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	49630	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	251038	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	174326	20.00	ng		0.00
63) Phenanthrene-d10	17.22	188	419439	20.00	ng		0.00
75) Chrysene-d12	21.49	240	403977	20.00	ng		0.00
86) Perylene-d12	24.56	264	416345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	371424	140.33	ng		0.00
7) Phenol-d6	7.01	99	548252	120.56	ng		0.00
23) Nitrobenzene-d5	8.99	82	544756	99.70	ng		0.00
41) 2,4,6-Tribromophenol	15.97	330	252621	96.89	ng		0.00
44) 2-Fluorobiphenyl	13.10	172	1367240	113.22	ng		0.00
78) Terphenyl-d14	19.87	244	2036502	107.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	75126	55.892	ng		91
3) Pyridine	3.80	79	241478	64.990	ng		98
4) n-Nitrosodimethylamine	3.72	42	108071	70.874	ng	#	87
6) Aniline	7.17	93	371074	69.385	ng		97
8) 2-Chlorophenol	7.41	128	207368	68.533	ng		98
9) Benzaldehyde	6.99	77	118341	40.947	ng		99
10) Phenol	7.04	94	280994	62.582	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	215397	58.773	ng		97
12) 1,3-Dichlorobenzene	7.73	146	239449	60.529	ng		98
13) 1,4-Dichlorobenzene	7.88	146	238770	60.268	ng		99
14) 1,2-Dichlorobenzene	8.19	146	236294	61.110	ng		97
15) Benzyl Alcohol	8.08	79	244189	68.199	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.37	45	417134	69.819	ng		98
17) 2-Methylphenol	8.28	107	207833	67.948	ng		95
18) Hexachloroethane	8.92	117	87401	57.159	ng		94
19) n-Nitroso-di-n-propylamine	8.65	70	234454	70.357	ng		93
20) 3+4-Methylphenols	8.60	107	304747	69.976	ng		92
22) Acetophenone	8.66	105	401292	58.348	ng	#	98
24) Nitrobenzene	9.03	77	298535	51.045	ng		98
25) Isophorone	9.56	82	591139	55.743	ng		95
26) 2-Nitrophenol	9.74	139	119871	54.137	ng		99
27) 2,4-Dimethylphenol	9.80	122	213347	66.327	ng		95
28) bis(2-Chloroethoxy)methane	10.04	93	316444	59.805	ng		98
29) 2,4-Dichlorophenol	10.27	162	244446	61.795	ng		94
30) 1,2,4-Trichlorobenzene	10.49	180	266513	51.856	ng		99
31) Naphthalene	10.68	128	763017	58.654	ng		98
32) Benzoic acid	9.97	122	220092	73.606	ng		93
33) 4-Chloroaniline	10.78	127	367322	63.024	ng		97
34) Hexachlorobutadiene	10.97	225	162229	41.741	ng		94
35) Caprolactam	11.58	113	99849m	64.430	ng		
36) 4-Chloro-3-methylphenol	11.91	107	287075	55.642	ng		91
37) 2-Methylnaphthalene	12.29	142	592075	58.638	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	345414	54.701	ng		99
40) Hexachlorocyclopentadiene	12.64	237	198161	53.532	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.90	196	209366	57.067	ng		94
43) 2,4,5-Trichlorophenol	12.97	196	244485	56.379	ng		95
45) 1,1'-Biphenyl	13.31	154	834860	62.335	ng		97
46) 2-Chloronaphthalene	13.35	162	634478	61.440	ng		99
47) 2-Nitroaniline	13.55	65	215110	55.614	ng		95
48) Acenaphthylene	14.20	152	1038739	60.261	ng		98
49) Dimethylphthalate	13.95	163	883127	58.211	ng		99
50) 2,6-Dinitrotoluene	14.05	165	183809	59.254	ng		96
51) Acenaphthene	14.54	154	656451	59.077	ng		98
52) 3-Nitroaniline	14.38	138	204951	63.019	ng	#	89
53) 2,4-Dinitrophenol	14.58	184	67973	52.451	ng	#	60
54) Dibenzofuran	14.88	168	959202	58.440	ng		94
55) 4-Nitrophenol	14.68	139	158890	69.479	ng		93
56) 2,4-Dinitrotoluene	14.84	165	246721	54.017	ng		91
57) Fluorene	15.53	166	827668	59.190	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.10	232	220889	54.107	ng		98
59) Diethylphthalate	15.32	149	918023	62.317	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	442497	55.050	ng		99
61) 4-Nitroaniline	15.55	138	208898	63.429	ng		96
62) Azobenzene	15.82	77	830564	58.202	ng		98
64) 4,6-Dinitro-2-methylphenol	15.60	198	122982	49.012	ng		98
65) n-Nitrosodiphenylamine	15.74	169	730134	60.975	ng		99
66) 4-Bromophenyl-phenylether	16.42	248	280637	56.971	ng		94
67) Hexachlorobenzene	16.53	284	296786	57.089	ng	#	72
68) Atrazine	16.70	200	249294	51.377	ng		99
69) Pentachlorophenol	16.87	266	203027	56.900	ng	#	56
70) Phenanthrene	17.27	178	1300224	59.522	ng		96
71) Anthracene	17.36	178	1296521	58.618	ng		97
72) Carbazole	17.63	167	1224439	62.472	ng		96
73) Di-n-butylphthalate	18.22	149	1503418	65.901	ng	#	97
74) Fluoranthene	19.29	202	1513452	55.987	ng		95
76) Benzidine	19.47	184	621546	56.735	ng	#	96
77) Pyrene	19.65	202	1540248	57.167	ng		94
79) Butylbenzylphthalate	20.57	149	699395	70.344	ng		95
80) Benzo(a)anthracene	21.47	228	1482855	57.646	ng		97
81) 3,3'-Dichlorobenzidine	21.40	252	561024	61.289	ng		96
82) Chrysene	21.54	228	1428461	57.367	ng		95
83) Bis(2-ethylhexyl)phthalate	21.43	149	988500	72.123	ng		98
84) Di-n-octyl phthalate	22.61	149	1580634	75.321	ng		97
85) Indeno(1,2,3-cd)pyrene	28.05	276	1710879	63.549	ng	#	94
87) Benzo(b)fluoranthene	23.59	252	1517405	63.083	ng		99
88) Benzo(k)fluoranthene	23.66	252	1468684	60.370	ng		96
89) Benzo(a)pyrene	24.42	252	1444396	62.528	ng		100
90) Dibenzo(a,h)anthracene	28.12	278	1420275	65.272	ng		97
91) Benzo(g,h,i)perylene	29.13	276	1387959	64.416	ng		96

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

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