Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
Data File : BG033867.D
Acq On : 19 Apr 2018 13:07
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
4/20/2018 3:07:44 PM

Quant Time: Apr 19 13:49:16 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	50916	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	252692	20.00	ng		0.00
38) Acenaphthene-d10	14.48	164	172577	20.00	ng		0.00
63) Phenanthrene-d10	17.23	188	404290	20.00	ng		0.00
75) Chrysene-d12	21.49	240	398327	20.00	ng		0.00
86) Perylene-d12	24.56	264	403576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	494078	181.96	ng		0.00
7) Phenol-d6	7.01	99	731763	156.84	ng		0.00
23) Nitrobenzene-d5	8.99	82	736000	133.82	ng		0.00
41) 2,4,6-Tribromophenol	15.97	330	331965	128.61	ng		0.00
44) 2-Fluorobiphenyl	13.10	172	1757074	146.98	ng		0.00
78) Terphenyl-d14	19.87	244	2476605	132.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	98662	71.548	ng		90
3) Pyridine	3.81	79	290297	76.155	ng		97
4) n-Nitrosodimethylamine	3.72	42	141029	90.152	ng	#	86
6) Aniline	7.17	93	492845	89.827	ng		98
8) 2-Chlorophenol	7.41	128	278242	89.633	ng		97
9) Benzaldehyde	6.99	77	137172	46.264	ng		99
10) Phenol	7.04	94	369289	80.170	ng		98
11) bis(2-Chloroethyl)ether	7.27	93	283401	75.376	ng		97
12) 1,3-Dichlorobenzene	7.73	146	318098	78.380	ng		95
13) 1,4-Dichlorobenzene	7.88	146	324175	79.758	ng		98
14) 1,2-Dichlorobenzene	8.19	146	312168	78.693	ng		97
15) Benzyl Alcohol	8.08	79	326511	88.887	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.37	45	549863	89.710	ng		97
17) 2-Methylphenol	8.28	107	278282	88.682	ng		95
18) Hexachloroethane	8.91	117	119336	76.073	ng		95
19) n-Nitroso-di-n-propylamine	8.65	70	308855	90.342	ng		94
20) 3+4-Methylphenols	8.61	107	404847	90.613	ng		93
22) Acetophenone	8.66	105	529733	76.519	ng	#	98
24) Nitrobenzene	9.04	77	400773	68.078	ng		98
25) Isophorone	9.56	82	783672	73.414	ng		95
26) 2-Nitrophenol	9.74	139	170545	76.519	ng		99
27) 2,4-Dimethylphenol	9.81	122	285779	88.264	ng		93
28) bis(2-Chloroethoxy)methane	10.05	93	417483	78.385	ng		97
29) 2,4-Dichlorophenol	10.27	162	322339	80.953	ng		95
30) 1,2,4-Trichlorobenzene	10.49	180	355940	68.803	ng		99
31) Naphthalene	10.68	128	1005937	76.821	ng		98
32) Benzoic acid	9.99	122	301006	100.007	ng	#	87
33) 4-Chloroaniline	10.79	127	482072	82.171	ng		97
34) Hexachlorobutadiene	10.97	225	223741	57.191	ng		98
35) Caprolactam	11.59	113	128040m	82.081	ng		
36) 4-Chloro-3-methylphenol	11.91	107	374954	72.199	ng	#	88
37) 2-Methylnaphthalene	12.29	142	774766	76.229	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	458829	73.399	ng		97
40) Hexachlorocyclopentadiene	12.64	237	262767	71.704	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.90	196	275207	75.773	ng		99
43) 2,4,5-Trichlorophenol	12.97	196	312482	72.789	ng		94
45) 1,1'-Biphenyl	13.31	154	1078115	81.314	ng		95
46) 2-Chloronaphthalene	13.35	162	824763	80.676	ng		98
47) 2-Nitroaniline	13.55	65	283538	74.048	ng		94
48) Acenaphthylene	14.19	152	1335455	78.260	ng		97
49) Dimethylphthalate	13.95	163	1130217	75.253	ng		98
50) 2,6-Dinitrotoluene	14.05	165	243579	79.317	ng		93
51) Acenaphthene	14.54	154	841235	76.473	ng		98
52) 3-Nitroaniline	14.38	138	264012	82.002	ng	#	87
53) 2,4-Dinitrophenol	14.58	184	93350	72.763	ng	#	60
54) Dibenzofuran	14.88	168	1226766	75.498	ng		93
55) 4-Nitrophenol	14.69	139	204424	90.296	ng		89
56) 2,4-Dinitrotoluene	14.85	165	324525	71.771	ng		88
57) Fluorene	15.53	166	1055833	76.273	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.10	232	291422	72.108	ng		99
59) Diethylphthalate	15.32	149	1172125	80.372	ng		97
60) 4-Chlorophenyl-phenylether	15.53	204	563518	70.816	ng		99
61) 4-Nitroaniline	15.56	138	265441	81.415	ng		94
62) Azobenzene	15.82	77	1064272	75.335	ng		99
64) 4,6-Dinitro-2-methylphenol	15.61	198	169610	70.128	ng		94
65) n-Nitrosodiphenylamine	15.75	169	930514	80.620	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	363166	76.488	ng		97
67) Hexachlorobenzene	16.53	284	378164	75.468	ng		95
69) Pentachlorophenol	16.87	266	257740	74.941	ng	#	26
70) Phenanthrene	17.27	178	1615193	76.712	ng		94
71) Anthracene	17.36	178	1632147	76.558	ng		95
72) Carbazole	17.63	167	1536358	81.324	ng	#	94
73) Di-n-butylphthalate	18.22	149	1875889	85.310	ng	#	97
74) Fluoranthene	19.29	202	1878361	72.090	ng		94
76) Benzidine	19.48	184	773660	71.622	ng	#	94
77) Pyrene	19.65	202	1907929	71.818	ng		93
79) Butylbenzylphthalate	20.58	149	895689	91.364	ng		94
80) Benzo(a)anthracene	21.47	228	1871839	73.800	ng		94
81) 3,3'-Dichlorobenzidine	21.40	252	706439	78.270	ng		96
82) Chrysene	21.54	228	1806739	73.588	ng	#	92
83) Bis(2-ethylhexyl)phthalate	21.43	149	1248550	92.388	ng		99
84) Di-n-octyl phthalate	22.61	149	2015165	97.390	ng		96
85) Indeno(1,2,3-cd)pyrene	28.07	276	2239093	84.349	ng	#	93
87) Benzo(b)fluoranthene	23.60	252	1927012	82.646	ng		97
88) Benzo(k)fluoranthene	23.67	252	1903749	80.729	ng		96
89) Benzo(a)pyrene	24.43	252	1868410	83.443	ng		98
90) Dibenzo(a,h)anthracene	28.14	278	1832590	86.886	ng		96
91) Benzo(g,h,i)perylene	29.15	276	1818519	87.069	ng		96

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

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