Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022897.D
Acq On : 7 Jul 2016 15:53
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations
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7/8/2016 7:10:39 PM

Quant Time: Jul 07 16:43:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 14:54:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	124893	20.00	ng		0.01
21) Naphthalene-d8	10.98	136	602790	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	460813	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1095887	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1191093	20.00	ng		0.00
86) Perylene-d12	25.19	264	1227352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	1173670	150.73	ng		0.00
7) Phenol-d6	7.32	99	1835850	167.27	ng		0.01
23) Nitrobenzene-d5	9.34	82	2091736	146.87	ng		0.01
41) 2,4,6-Tribromophenol	16.30	330	1217069	167.92	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	3689927	126.99	ng		0.00
78) Terphenyl-d14	20.16	244	4227895	94.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	233146	73.88	ng	#	94
3) Pyridine	3.98	79	834171	94.49	ng		97
4) n-Nitrosodimethylamine	3.89	42	351917	69.70	ng		91
6) Aniline	7.48	93	1319305	90.66	ng		98
8) 2-Chlorophenol	7.72	128	655580	81.28	ng		99
9) Benzaldehyde	7.29	77	533985	138.25	ng		94
10) Phenol	7.34	94	971168	83.72	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	761969	79.79	ng		97
12) 1,3-Dichlorobenzene	8.04	146	770889	78.54	ng		97
13) 1,4-Dichlorobenzene	8.19	146	785547	79.83	ng		95
14) 1,2-Dichlorobenzene	8.51	146	758477	81.06	ng		96
15) Benzyl Alcohol	8.40	79	904990	89.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	909253	86.09	ng		97
17) 2-Methylphenol	8.60	107	648686	84.84	ng		91
18) Hexachloroethane	9.25	117	332693	81.69	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	847985	92.77	ng		96
20) 3+4-Methylphenols	8.93	107	920205	87.37	ng		98
22) Acetophenone	8.99	105	1379464	79.16	ng	#	94
24) Nitrobenzene	9.38	77	1136855	72.22	ng	#	92
25) Isophorone	9.90	82	2105235	76.15	ng		96
26) 2-Nitrophenol	10.09	139	476052	83.96	ng		87
27) 2,4-Dimethylphenol	10.14	122	781237	72.11	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	1199504	79.46	ng		98
29) 2,4-Dichlorophenol	10.63	162	848135	80.36	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	959450	76.56	ng		94
31) Naphthalene	11.04	128	2211293	72.98	ng		96
32) Benzoic acid	10.34	122	789427	120.99	ng		97
33) 4-Chloroaniline	11.14	127	1146593	87.85	ng		99
34) Hexachlorobutadiene	11.31	225	769568	79.01	ng		96
35) Caprolactam	11.96	113	326337	98.15	ng		90
36) 4-Chloro-3-methylphenol	12.26	107	1109750	85.65	ng		94
37) 2-Methylnaphthalene	12.63	142	1789410	76.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1524956	87.66	ng		98
40) Hexachlorocyclopentadiene	12.97	237	946478	68.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	883408	79.19	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	903659	77.41	ng		93
45) 1,1'-Biphenyl	13.63	154	2465527	70.24	ng		90
46) 2-Chloronaphthalene	13.69	162	2062734	71.41	ng	#	92
47) 2-Nitroaniline	13.89	65	905101	81.18	ng		94
48) Acenaphthylene	14.53	152	2855888	68.17	ng	#	89
49) Dimethylphthalate	14.26	163	2531606	66.23	ng	#	93
50) 2,6-Dinitrotoluene	14.38	165	648789	78.10	ng		83
51) Acenaphthene	14.87	154	1998720	64.76	ng		97
52) 3-Nitroaniline	14.71	138	647861	83.36	ng		89
53) 2,4-Dinitrophenol	14.91	184	480993	94.01	ng		92
54) Dibenzofuran	15.20	168	2721339	60.88	ng	#	91
55) 4-Nitrophenol	15.02	139	530519	80.72	ng		96
56) 2,4-Dinitrotoluene	15.17	165	899066	78.14	ng		91
57) Fluorene	15.85	166	2429240	68.10	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	879282m	72.65	ng		
59) Diethylphthalate	15.61	149	2499229	63.59	ng	#	88
60) 4-Chlorophenyl-phenylether	15.84	204	1553793	73.16	ng		94
61) 4-Nitroaniline	15.88	138	664683	82.88	ng	#	84
62) Azobenzene	16.14	77	2462674	57.86	ng		92
64) 4,6-Dinitro-2-methylphenol	15.94	198	679158	92.41	ng		97
65) n-Nitrosodiphenylamine	16.06	169	2287014	71.71	ng	#	90
66) 4-Bromophenyl-phenylether	16.74	248	1077748	75.81	ng		96
67) Hexachlorobenzene	16.86	284	1199409	79.79	ng		97
68) Atrazine	17.01	200	1007243	74.81	ng		90
69) Pentachlorophenol	17.21	266	838528	81.05	ng		99
70) Phenanthrene	17.61	178	3500168	62.63	ng	#	84
71) Anthracene	17.70	178	3483801	60.57	ng	#	82
72) Carbazole	17.97	167	3079701	63.16	ng	#	88
73) Di-n-butylphthalate	18.51	149	3302513	58.16	ng	#	88
76) Benzidine	19.78	184	2304984	181.76	ng	#	89
79) Butylbenzylphthalate	20.84	149	1853602	67.50	ng	#	96
80) Benzo(a)anthracene	21.83	228	4212176	63.91	ng	#	84
81) 3,3'-Dichlorobenzidine	21.74	252	2089849	76.77	ng	#	91
82) Chrysene	21.90	228	3921557	63.32	ng	#	77
83) Bis(2-ethylhexyl)phthalate	21.71	149	2488829	64.36	ng	#	90
84) Di-n-octyl phthalate	22.96	149	4024779	63.14	ng	#	98
85) Indeno(1,2,3-cd)pyrene	29.04	276	5858003	71.98	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	5031877	68.18	ng	#	89
88) Benzo(k)fluoranthene	24.20	252	4501468	64.52	ng	#	85
89) Benzo(a)pyrene	25.04	252	4788596	66.56	ng	#	91
90) Dibenzo(a,h)anthracene	29.11	278	4937144	72.89	ng	#	89
91) Benzo(g,h,i)perylene	30.25	276	5053441	73.30	ng	#	94

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

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