Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022927.D
Acq On : 8 Jul 2016 12:05
Operator : UM/SJ
Sample : H3876-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-B-LOCATION-2-15-20FTMS

Manual Integrations
APPROVED
sohil
7/8/2016 7:24:00 PM

Quant Time: Jul 08 17:55:47 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 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	100885	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	474133	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	360219	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	935272	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1019811	20.00	ng		0.00
86) Perylene-d12	25.20	264	1049643	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	870961	141.20	ng		0.00
7) Phenol-d6	7.31	99	1342226	138.93	ng		0.00
23) Nitrobenzene-d5	9.33	82	930377	84.02	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	766128	118.34	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1835062	80.24	ng		0.00
78) Terphenyl-d14	20.16	244	2779838	87.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	79338	33.09	ng		92
3) Pyridine	3.97	79	203339	24.78	ng		94
4) n-Nitrosodimethylamine	3.89	42	106860	30.36	ng	#	96
6) Aniline	7.47	93	202143	15.10	ng		94
8) 2-Chlorophenol	7.72	128	231816	35.31	ng		98
9) Benzaldehyde	7.28	77	199746	30.94	ng		93
10) Phenol	7.33	94	377937	38.02	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	244911	31.08	ng		96
12) 1,3-Dichlorobenzene	8.04	146	236229	29.40	ng		94
13) 1,4-Dichlorobenzene	8.19	146	238230	29.62	ng		97
14) 1,2-Dichlorobenzene	8.51	146	238493	29.82	ng		97
15) Benzyl Alcohol	8.39	79	332359	37.56	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	287682	29.89	ng		96
17) 2-Methylphenol	8.60	107	227557	35.17	ng		97
18) Hexachloroethane	9.24	117	98901	29.13	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	254505	29.22	ng		98
20) 3+4-Methylphenols	8.93	107	318334	35.27	ng		95
22) Acetophenone	8.98	105	411851	28.94	ng	#	95
24) Nitrobenzene	9.37	77	381355	32.41	ng	#	92
25) Isophorone	9.89	82	684371	30.73	ng	#	95
26) 2-Nitrophenol	10.08	139	143853	31.16	ng		98
27) 2,4-Dimethylphenol	10.14	122	233586	29.27	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	382992	30.84	ng		97
29) 2,4-Dichlorophenol	10.63	162	286630	33.67	ng		90
30) 1,2,4-Trichlorobenzene	10.84	180	297798	30.53	ng		97
31) Naphthalene	11.03	128	740265	30.67	ng		98
32) Benzoic acid	10.23	122	89811	12.37	ng		95
33) 4-Chloroaniline	11.14	127	95858	8.12	ng		94
34) Hexachlorobutadiene	11.31	225	221521	28.02	ng		94
35) Caprolactam	11.90	113	102365m	29.23	ng		
36) 4-Chloro-3-methylphenol	12.26	107	364617	31.32	ng		93
37) 2-Methylnaphthalene	12.63	142	595363	31.21	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	397484	25.61	ng		100
40) Hexachlorocyclopentadiene	12.97	237	661284	74.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	284698	31.91	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	302106	32.97	ng		94
45) 1,1'-Biphenyl	13.63	154	831537	30.77	ng		98
46) 2-Chloronaphthalene	13.67	162	693504	31.63	ng		98
47) 2-Nitroaniline	13.88	65	291717	31.18	ng		97
48) Acenaphthylene	14.52	152	1033469	31.42	ng		99
49) Dimethylphthalate	14.24	163	1303699	44.31	ng		98
50) 2,6-Dinitrotoluene	14.37	165	213187	32.24	ng		86
51) Acenaphthene	14.86	154	666653	31.02	ng		95
52) 3-Nitroaniline	14.70	138	101136	15.34	ng	#	91
53) 2,4-Dinitrophenol	14.91	184	240936	53.10	ng		95
54) Dibenzofuran	15.20	168	1110465	34.52	ng		98
55) 4-Nitrophenol	15.01	139	450608	81.52	ng		97
56) 2,4-Dinitrotoluene	15.16	165	310352	32.19	ng	#	94
57) Fluorene	15.85	166	907436	32.77	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	319285	34.83	ng	#	99
59) Diethylphthalate	15.60	149	988025	33.00	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	527323	31.27	ng		95
61) 4-Nitroaniline	15.87	138	192986	27.05	ng	#	82
62) Azobenzene	16.13	77	1051047	36.70	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	192929	27.75	ng		96
65) n-Nitrosodiphenylamine	16.05	169	846228	31.40	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	366547	30.12	ng		94
67) Hexachlorobenzene	16.85	284	392746	29.68	ng		98
68) Atrazine	17.00	200	371804	31.11	ng		98
69) Pentachlorophenol	17.21	266	624003	72.83	ng		98
70) Phenanthrene	17.60	178	1490253	32.51	ng		98
71) Anthracene	17.69	178	1499750	32.31	ng		99
72) Carbazole	17.96	167	1308677	32.63	ng		98
73) Di-n-butylphthalate	18.50	149	1553035	34.82	ng		97
74) Fluoranthene	19.60	202	1785126	31.74	ng		99
76) Benzidine	19.78	184	863120	29.52	ng		98
77) Pyrene	19.97	202	1786301	31.17	ng		96
79) Butylbenzylphthalate	20.84	149	752916	33.17	ng		91
80) Benzo(a)anthracene	21.83	228	1879315	32.94	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	363404	14.51	ng		95
82) Chrysene	21.89	228	1759252	32.87	ng		97
83) Bis(2-ethylhexyl)phthalate	21.71	149	1029019	32.65	ng		99
84) Di-n-octyl phthalate	22.96	149	1763701	33.55	ng		97
85) Indeno(1,2,3-cd)pyrene	29.03	276	2209472	32.38	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	2013889	33.26	ng		99
88) Benzo(k)fluoranthene	24.20	252	1893111	32.94	ng	#	99
89) Benzo(a)pyrene	25.04	252	1948086	33.56	ng		98
90) Dibenzo(a,h)anthracene	29.12	278	1857523	32.24	ng	#	97
91) Benzo(g,h,i)perylene	30.25	276	1850964	32.08	ng	#	96

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

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