Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
Data File : BG022638.D
Acq On : 27 Jun 2016 11:42
Operator : UM/SJ
Sample : H3701-09MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2AMS

Manual Integrations APPROVED
umangi
6/27/2016 3:47:41 PM

Quant Time: Jun 27 15:40:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	160147	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	674268	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	504871	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1302363	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1479728	20.00	ng	0.01
86) Perylene-d12	25.22	264	1497903	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1038985	104.06	ng	0.00
7) Phenol-d6	7.32	99	1459916	103.73	ng	0.01
23) Nitrobenzene-d5	9.34	82	1137320	71.39	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	937793	118.10	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2150282	67.54	ng	0.00
78) Terphenyl-d14	20.16	244	3289641	58.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	119917	29.63	ng	# 70
3) Pyridine	4.00	79	339021	29.95	ng	# 90
4) n-Nitrosodimethylamine	3.90	42	192274	29.70	ng	88
6) Aniline	7.49	93	244070	13.08	ng	94
8) 2-Chlorophenol	7.73	128	389836	37.69	ng	94
9) Benzaldehyde	7.30	77	17700m	3.57	ng	
10) Phenol	7.34	94	531952	35.76	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	423351	34.57	ng	94
12) 1,3-Dichlorobenzene	8.05	146	401003	31.86	ng	98
13) 1,4-Dichlorobenzene	8.20	146	409611	32.46	ng	99
14) 1,2-Dichlorobenzene	8.52	146	406627	33.89	ng	93
15) Benzyl Alcohol	8.40	79	503148	38.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	473516	34.96	ng	97
17) 2-Methylphenol	8.60	107	373106	38.05	ng	96
18) Hexachloroethane	9.25	117	167714	32.11	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	410640	35.04	ng	99
20) 3+4-Methylphenols	8.93	107	521437	38.61	ng	93
22) Acetophenone	8.99	105	711011	36.48	ng	# 94
24) Nitrobenzene	9.38	77	617662	35.08	ng	92
25) Isophorone	9.90	82	1098235	35.51	ng	98
26) 2-Nitrophenol	10.09	139	237971	37.52	ng	92
27) 2,4-Dimethylphenol	10.14	122	439601m	36.28	ng	
28) bis(2-Chloroethoxy)methane	10.38	93	621973	36.83	ng	99
29) 2,4-Dichlorophenol	10.63	162	484970	41.08	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	484367	34.55	ng	100
31) Naphthalene	11.04	128	1285463	37.93	ng	98
32) Benzoic acid	10.27	122	316781m	40.84	ng	
34) Hexachlorobutadiene	11.32	225	377807	34.68	ng	95
35) Caprolactam	11.93	113	154750m	41.61	ng	
36) 4-Chloro-3-methylphenol	12.26	107	595130	41.06	ng	98
37) 2-Methylnaphthalene	12.63	142	950753	36.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	634644	33.30	ng	98
40) Hexachlorocyclopentadiene	12.97	237	786240	51.67	ng	99
42) 2,4,6-Trichlorophenol	13.23	196	463219	37.90	ng	96

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	497390	38.89	ng		92
45) 1,1'-Biphenyl	13.63	154	1297521	33.74	ng		96
46) 2-Chloronaphthalene	13.68	162	1084514	34.27	ng		97
47) 2-Nitroaniline	13.88	65	473385	38.75	ng		94
48) Acenaphthylene	14.52	152	1578343	34.39	ng		97
49) Dimethylphthalate	14.25	163	1510377	36.06	ng		96
50) 2,6-Dinitrotoluene	14.37	165	355799	39.10	ng		88
51) Acenaphthene	14.87	154	1411243m	41.74	ng		
52) 3-Nitroaniline	14.70	138	120618	14.16	ng		91
53) 2,4-Dinitrophenol	14.91	184	453293	80.87	ng		95
54) Dibenzofuran	15.19	168	1697946	34.67	ng		99
55) 4-Nitrophenol	15.01	139	554390	76.99	ng		99
56) 2,4-Dinitrotoluene	15.15	165	531102	42.13	ng		96
57) Fluorene	15.85	166	1440485	36.86	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	519827m	39.20	ng		
59) Diethylphthalate	15.61	149	1558096	36.19	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	839626	36.09	ng		96
61) 4-Nitroaniline	15.87	138	332293	37.82	ng	#	84
62) Azobenzene	16.13	77	1573823	33.75	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	332243	38.04	ng		93
65) n-Nitrosodiphenylamine	16.05	169	1332416	35.16	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	596664	35.31	ng		94
67) Hexachlorobenzene	16.86	284	652530	36.53	ng		95
68) Atrazine	17.00	200	385510	24.09	ng		96
69) Pentachlorophenol	17.20	266	893304	72.66	ng		99
70) Phenanthrene	17.60	178	2390606	36.00	ng		94
71) Anthracene	17.69	178	2373228	34.72	ng		95
72) Carbazole	17.96	167	2148002	37.07	ng		97
73) Di-n-butylphthalate	18.51	149	2467437	36.57	ng		97
74) Fluoranthene	19.61	202	2787467	36.43	ng		94
76) Benzidine	19.78	184	118137	7.50	ng	#	96
77) Pyrene	19.97	202	2764462	35.08	ng		94
79) Butylbenzylphthalate	20.84	149	1255317	36.79	ng		96
80) Benzo(a)anthracene	21.83	228	3009460	36.76	ng		96
81) 3,3'-Dichlorobenzidine	21.74	252	424809	12.56	ng		94
82) Chrysene	21.90	228	2776045	36.08	ng	#	91
83) Bis(2-ethylhexyl)phthalate	21.72	149	1656813	34.49	ng		95
84) Di-n-octyl phthalate	22.99	149	2771579	35.00	ng		99
85) Indeno(1,2,3-cd)pyrene	29.08	276	3719729	36.79	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3322893	36.89	ng		96
88) Benzo(k)fluoranthene	24.22	252	3142900	36.91	ng	#	94
89) Benzo(a)pyrene	25.06	252	3215919	36.62	ng	#	98
90) Dibenzo(a,h)anthracene	29.15	278	3095403	37.45	ng	#	98
91) Benzo(g,h,i)perylene	30.29	276	3026479	35.97	ng		95

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

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