Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017663.D
Acq On : 13 Jun 2015 7:48
Operator : TP/IZ
Sample : G2522-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-19MS

Manual Integrations APPROVED
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6/15/2015 4:40:22 PM

Quant Time: Jun 15 04:43:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19615	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	75074	20.00	ng		0.00
38) Acenaphthene-d10	14.21	164	61328	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	172777	20.00	ng		0.00
75) Chrysene-d12	21.16	240	253941	20.00	ng		0.00
86) Perylene-d12	23.36	264	243575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	76126	75.16	ng		0.00
7) Phenol-d6	6.74	99	69748	47.00	ng		0.00
23) Nitrobenzene-d5	8.69	82	181431	101.44	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	173365	163.77	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	449690	101.41	ng		0.00
78) Terphenyl-d14	19.61	244	1153853	94.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	8299	16.45	ng	#	71
3) Pyridine	3.35	79	18713	14.33	ng	#	92
4) n-Nitrosodimethylamine	3.28	42	16942	22.56	ng	#	85
6) Aniline	6.86	93	33056	16.73	ng	#	85
8) 2-Chlorophenol	7.10	128	49620	40.36	ng		93
9) Benzaldehyde	6.67	77	2057	2.05	ng		92
10) Phenol	6.76	94	25592	16.58	ng		96
11) bis(2-Chloroethyl)ether	6.96	93	52897	46.22	ng		96
12) 1,3-Dichlorobenzene	7.41	146	55383	38.57	ng		97
13) 1,4-Dichlorobenzene	7.56	146	59252	39.17	ng		92
14) 1,2-Dichlorobenzene	7.88	146	59408	42.25	ng		97
15) Benzyl Alcohol	7.78	79	52435	32.06	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.08	45	23139	50.47	ng		82
17) 2-Methylphenol	8.01	107	41608	37.20	ng		89
18) Hexachloroethane	8.59	117	25267	40.22	ng		89
19) n-Nitroso-di-n-propylamine	8.34	70	58577	44.00	ng	#	87
20) 3+4-Methylphenols	8.34	107	50678	32.92	ng	#	78
22) Acetophenone	8.35	105	103576	52.35	ng		96
24) Nitrobenzene	8.74	77	112716	58.18	ng	#	95
25) Isophorone	9.26	82	163646	48.72	ng		97
26) 2-Nitrophenol	9.44	139	36773	49.39	ng	#	89
27) 2,4-Dimethylphenol	9.53	122	54624	45.60	ng	#	85
28) bis(2-Chloroethoxy)methane	9.75	93	74322	51.08	ng		98
29) 2,4-Dichlorophenol	9.99	162	70535	55.23	ng		96
30) 1,2,4-Trichlorobenzene	10.19	180	80760	48.92	ng	#	89
31) Naphthalene	10.37	128	188697	46.57	ng	#	92
32) Benzoic acid	9.68	122	8148m	11.45	ng		
33) 4-Chloroaniline	10.50	127	31512	19.00	ng		97
34) Hexachlorobutadiene	10.66	225	61423	43.37	ng		96
35) Caprolactam	11.31	113	5529m	9.40	ng		
36) 4-Chloro-3-methylphenol	11.66	107	79243	48.52	ng		90
37) 2-Methylnaphthalene	12.00	142	157373	48.58	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	126042	51.05	ng		97
40) Hexachlorocyclopentadiene	12.35	237	88027	81.41	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.64	196	76045	49.66	ng		97
43) 2,4,5-Trichlorophenol	12.73	196	77554	48.42	ng		95
45) 1,1'-Biphenyl	13.03	154	232792	51.76	ng		97
46) 2-Chloronaphthalene	13.07	162	181674	48.69	ng		97
47) 2-Nitroaniline	13.30	65	67587	51.29	ng		97
48) Acenaphthylene	13.93	152	286239	45.13	ng		98
49) Dimethylphthalate	13.68	163	271172	51.64	ng		98
50) 2,6-Dinitrotoluene	13.80	165	58851	51.11	ng		97
51) Acenaphthene	14.27	154	181624	48.22	ng		87
52) 3-Nitroaniline	14.14	138	16553	16.09	ng	#	82
53) 2,4-Dinitrophenol	14.35	184	77409	98.61	ng		94
54) Dibenzofuran	14.61	168	313704	50.44	ng		99
55) 4-Nitrophenol	14.49	139	26608	41.08	ng		96
56) 2,4-Dinitrotoluene	14.60	165	89361	53.47	ng	#	98
57) Fluorene	15.26	166	267647	50.16	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.85	232	87018	49.90	ng		97
59) Diethylphthalate	15.05	149	293226	50.32	ng		99
60) 4-Chlorophenyl-phenylether	15.26	204	176747	52.90	ng		92
61) 4-Nitroaniline	15.30	138	26989	24.61	ng		93
62) Azobenzene	15.55	77	318901	50.42	ng		96
64) 4,6-Dinitro-2-methylphenol	15.36	198	63981	46.59	ng		92
65) n-Nitrosodiphenylamine	15.48	169	249012	49.46	ng		98
66) 4-Bromophenyl-phenylether	16.16	248	119726	52.10	ng		96
67) Hexachlorobenzene	16.27	284	126162	50.45	ng	#	89
68) Atrazine	16.44	200	113974	45.91	ng		97
69) Pentachlorophenol	16.63	266	124257	105.65	ng		96
70) Phenanthrene	17.00	178	461303	47.84	ng		97
71) Anthracene	17.10	178	472136	49.31	ng		97
72) Carbazole	17.38	167	441234	50.26	ng		100
73) Di-n-butylphthalate	17.94	149	564659	52.56	ng		99
74) Fluoranthene	19.04	202	697206	50.54	ng		99
76) Benzidine	19.23	184	51481	8.67	ng		99
77) Pyrene	19.40	202	728380	50.80	ng		98
79) Butylbenzylphthalate	20.30	149	266180	51.43	ng		96
80) Benzo(a)anthracene	21.15	228	764210	48.78	ng		100
81) 3,3'-Dichlorobenzidine	21.09	252	87238	15.56	ng	#	96
82) Chrysene	21.20	228	709735	50.23	ng		98
83) Bis(2-ethylhexyl)phthalate	21.09	149	388427	51.08	ng		95
84) Di-n-octyl phthalate	21.94	149	646336	51.02	ng		100
85) Indeno(1,2,3-cd)pyrene	25.60	276	879880	47.88	ng		99
87) Benzo(b)fluoranthene	22.71	252	777011	49.49	ng		99
88) Benzo(k)fluoranthene	22.75	252	739834	48.98	ng		99
89) Benzo(a)pyrene	23.27	252	730689	50.39	ng		99
90) Dibenzo(a,h)anthracene	25.60	278	748259	49.87	ng	#	98
91) Benzo(g,h,i)perylene	26.28	276	701255	49.14	ng		99

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

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