Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017014.D
Acq On : 10 May 2015 7:57
Operator : TP/IZ
Sample : G2139-01MSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LAR9794-AMSD

Manual Integrations APPROVED
apatel
5/19/2015 9:23:38 AM

Quant Time: May 12 14:42:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	63099	20.00	ng		-0.02
21) Naphthalene-d8	10.58	136	279496	20.00	ng		-0.02
38) Acenaphthene-d10	14.43	164	191132	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	449661	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	448824	20.00	ng		-0.02
86) Perylene-d12	23.64	264	431684	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	462371	127.59	ng		0.00
7) Phenol-d6	6.97	99	606439	117.14	ng		0.00
23) Nitrobenzene-d5	8.95	82	467023	81.63	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	304958	158.93	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	972989	76.82	ng		-0.02
78) Terphenyl-d14	19.80	244	1629263	85.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	47110	31.02	ng	#	1
3) Pyridine	3.69	79	125473	26.72	ng		98
4) n-Nitrosodimethylamine	3.60	42	63097	22.51	ng		91
6) Aniline	7.17	93	80719m	11.10	ng		
8) 2-Chlorophenol	7.36	128	177826	42.36	ng		95
10) Phenol	6.99	94	217783	39.23	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	181041	42.17	ng		93
12) 1,3-Dichlorobenzene	7.68	146	167672	36.22	ng		94
13) 1,4-Dichlorobenzene	7.83	146	172212	36.73	ng		95
14) 1,2-Dichlorobenzene	8.14	146	168646	37.48	ng		96
15) Benzyl Alcohol	8.03	79	151710	32.08	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.32	45	294165	37.02	ng		97
17) 2-Methylphenol	8.24	107	159739	40.86	ng		93
18) Hexachloroethane	8.87	117	69907	36.27	ng		92
19) n-Nitroso-di-n-propylamine	8.60	70	141557	31.18	ng		98
20) 3+4-Methylphenols	8.57	107	225469	41.85	ng		96
22) Acetophenone	8.61	105	279093	41.92	ng	#	99
24) Nitrobenzene	8.99	77	244413	42.30	ng		97
25) Isophorone	9.51	82	449356	38.90	ng		99
26) 2-Nitrophenol	9.70	139	105321	44.77	ng		98
27) 2,4-Dimethylphenol	9.76	122	183540	43.11	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	234950	40.29	ng		97
29) 2,4-Dichlorophenol	10.23	162	182520	45.38	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	173015	40.57	ng		96
31) Naphthalene	10.63	128	549544	39.53	ng		98
32) Benzoic acid	9.91	122	151219	55.72	ng		94
33) 4-Chloroaniline	10.83	127	206328m	32.14	ng		
34) Hexachlorobutadiene	10.92	225	105337	39.46	ng		96
36) 4-Chloro-3-methylphenol	11.87	107	235673	45.76	ng		98
37) 2-Methylnaphthalene	12.24	142	430766	40.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	196649	38.06	ng	#	100
42) 2,4,6-Trichlorophenol	12.85	196	156033m	42.61	ng		
43) 2,4,5-Trichlorophenol	12.93	196	180765	46.51	ng		96
45) 1,1'-Biphenyl	13.26	154	555321	40.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.30	162	432434	39.90	ng		97
47) 2-Nitroaniline	13.51	65	193220	51.21	ng		98
48) Acenaphthylene	14.15	152	593087	31.42	ng		100
49) Dimethylphthalate	13.89	163	595038	41.69	ng		99
50) 2,6-Dinitrotoluene	14.01	165	143568	48.45	ng		87
51) Acenaphthene	14.49	154	449292	40.00	ng		97
52) 3-Nitroaniline	14.35	138	62927	18.67	ng		98
53) 2,4-Dinitrophenol	14.54	184	204626	150.98	ng	#	80
54) Dibenzofuran	14.83	168	680065	42.63	ng		95
55) 4-Nitrophenol	14.67	139	253713	88.76	ng		93
56) 2,4-Dinitrotoluene	14.79	165	207429	54.72	ng		98
57) Fluorene	15.48	166	605981	42.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.05	232	156987	46.81	ng	#	76
59) Diethylphthalate	15.26	149	668412	44.36	ng		100
60) 4-Chlorophenyl-phenylether	15.47	204	305266	43.02	ng		99
61) 4-Nitroaniline	15.50	138	58161	14.88	ng		92
62) Azobenzene	15.76	77	652095	41.79	ng		95
64) 4,6-Dinitro-2-methylphenol	15.55	198	137965	61.88	ng		92
65) n-Nitrosodiphenylamine	15.69	169	549732	40.05	ng		97
66) 4-Bromophenyl-phenylether	16.37	248	188516	41.77	ng		97
67) Hexachlorobenzene	16.48	284	195245	41.02	ng		96
69) Pentachlorophenol	16.83	266	303838	98.33	ng		97
70) Phenanthrene	17.21	178	932984	40.32	ng		99
71) Anthracene	17.31	178	954966	40.91	ng		99
72) Carbazole	17.58	167	920119	41.46	ng		99
73) Di-n-butylphthalate	18.14	149	1194599	41.52	ng		99
74) Fluoranthene	19.23	202	1087100	40.49	ng		98
77) Pyrene	19.59	202	1111411	41.96	ng		99
79) Butylbenzylphthalate	20.49	149	529956	42.09	ng		98
80) Benzo(a)anthracene	21.33	228	1017540	42.26	ng		98
82) Chrysene	21.39	228	963481	42.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.26	149	715068	41.52	ng		99
84) Di-n-octyl phthalate	22.15	149	1207159	41.73	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1154261	42.95	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1040437	43.26	ng		98
88) Benzo(k)fluoranthene	23.00	252	977689	42.26	ng		100
89) Benzo(a)pyrene	23.54	252	979375	43.67	ng		98
90) Dibenzo(a,h)anthracene	26.02	278	970606	42.37	ng	#	96
91) Benzo(g,h,i)perylene	26.73	276	930267	42.65	ng		97

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

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