Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015968.D
Acq On : 28 Jan 2015 4:54
Operator : TP/IZ
Sample : G1139-12MSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B4MSD

Manual Integrations APPROVED
apatel
1/28/2015 5:44:47 PM

Quant Time: Jan 28 06:22:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	103242	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	414462	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	342854	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	933601	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1325292	20.00	ng		0.00
86) Perylene-d12	23.52	264	1307981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	328671	47.41	ng		0.00
7) Phenol-d6	6.87	99	355670	31.84	ng		0.00
23) Nitrobenzene-d5	8.84	82	804848	55.98	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	627217	99.93	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1641075	75.10	ng		0.00
78) Terphenyl-d14	19.71	244	2822796	53.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	44472	12.46	ng	#	93
3) Pyridine	3.58	79	130213	10.82	ng		96
4) n-Nitrosodimethylamine	3.50	42	52081	11.20	ng	#	99
6) Aniline	7.02	93	216290	13.44	ng		92
8) 2-Chlorophenol	7.25	128	158989	23.90	ng	#	78
9) Benzaldehyde	6.83	77	62876	6.18	ng	#	75
10) Phenol	6.89	94	145843	11.45	ng		96
11) bis(2-Chloroethyl)ether	7.12	93	268329	27.27	ng		96
12) 1,3-Dichlorobenzene	7.57	146	231828	29.45	ng		93
13) 1,4-Dichlorobenzene	7.72	146	231108	28.43	ng		94
14) 1,2-Dichlorobenzene	8.03	146	416096	52.24	ng		91
15) Benzyl Alcohol	7.93	79	248493	20.33	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	180296	22.67	ng		90
17) 2-Methylphenol	8.14	107	160637	20.36	ng		93
18) Hexachloroethane	8.75	117	118921	28.46	ng	#	87
19) n-Nitroso-di-n-propylamine	8.49	70	263616	23.65	ng		93
20) 3+4-Methylphenols	8.46	107	203979	19.72	ng		85
22) Acetophenone	8.50	105	434555	31.29	ng		98
24) Nitrobenzene	8.88	77	414956	27.44	ng		94
25) Isophorone	9.40	82	712255	28.02	ng	#	93
26) 2-Nitrophenol	9.59	139	103313	27.59	ng	#	75
27) 2,4-Dimethylphenol	9.66	122	188646	26.32	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	341177	27.72	ng	#	98
29) 2,4-Dichlorophenol	10.13	162	233249	31.17	ng		93
30) 1,2,4-Trichlorobenzene	10.34	180	585432	64.51	ng		98
31) Naphthalene	10.52	128	1139627	53.72	ng		96
32) Benzoic acid	9.80	122	9056m	15.12	ng		
33) 4-Chloroaniline	10.64	127	97150	9.82	ng		93
34) Hexachlorobutadiene	10.80	225	292477	32.95	ng		96
35) Caprolactam	11.41	113	20204	5.49	ng		84
36) 4-Chloro-3-methylphenol	11.78	107	290067	26.35	ng		96
37) 2-Methylnaphthalene	12.14	142	765200	45.42	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	473108	36.19	ng		97
40) Hexachlorocyclopentadiene	12.49	237	562380	57.08	ng		90

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Instrument : BNA_G
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Quant Time: Jan 28 06:22:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	257989	33.68	ng		94
43) 2,4,5-Trichlorophenol	12.83	196	280617	32.41	ng	#	90
45) 1,1'-Biphenyl	13.16	154	812954	37.57	ng		95
46) 2-Chloronaphthalene	13.20	162	671258	36.73	ng		91
47) 2-Nitroaniline	13.42	65	279233	29.95	ng	#	86
48) Acenaphthylene	14.05	152	990364	35.69	ng		96
49) Dimethylphthalate	13.80	163	893722	36.23	ng		98
50) 2,6-Dinitrotoluene	13.92	165	199858	35.88	ng		94
51) Acenaphthene	14.40	154	649420	37.25	ng		99
52) 3-Nitroaniline	14.24	138	117825	22.49	ng		90
53) 2,4-Dinitrophenol	14.46	184	146741	44.01	ng	#	78
54) Dibenzofuran	14.73	168	1073739	37.33	ng		93
55) 4-Nitrophenol	14.57	139	105435	29.24	ng	#	86
56) 2,4-Dinitrotoluene	14.71	165	294676	36.16	ng	#	83
57) Fluorene	15.38	166	998421	38.48	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.96	232	323083	33.70	ng	#	94
59) Diethylphthalate	15.16	149	913173	36.25	ng		98
60) 4-Chlorophenyl-phenylether	15.38	204	624030	36.16	ng		97
61) 4-Nitroaniline	15.41	138	182506	32.84	ng	#	73
62) Azobenzene	15.67	77	1285208	31.51	ng		95
64) 4,6-Dinitro-2-methylphenol	15.47	198	180157	26.74	ng		91
65) n-Nitrosodiphenylamine	15.60	169	872010	32.74	ng		91
66) 4-Bromophenyl-phenylether	16.27	248	462907	33.96	ng		98
67) Hexachlorobenzene	16.39	284	506766	34.39	ng		96
68) Atrazine	16.55	200	407171	31.76	ng		98
69) Pentachlorophenol	16.74	266	388211	54.16	ng		95
70) Phenanthrene	17.12	178	1628705	34.77	ng		99
71) Anthracene	17.21	178	1497765	32.59	ng		97
72) Carbazole	17.49	167	1371580	33.85	ng		96
73) Di-n-butylphthalate	18.05	149	1524829	32.70	ng		98
74) Fluoranthene	19.15	202	1965343	31.42	ng		96
76) Benzidine	19.33	184	485241	16.23	ng		97
77) Pyrene	19.51	202	2033986	32.30	ng		98
79) Butylbenzylphthalate	20.41	149	719496	31.16	ng		97
80) Benzo(a)anthracene	21.25	228	2312623	31.92	ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	583398	19.70	ng		98
82) Chrysene	21.31	228	2190985	31.89	ng		100
83) Bis(2-ethylhexyl)phthalate	21.18	149	1118596	36.03	ng		95
84) Di-n-octyl phthalate	22.07	149	1647217	34.29	ng		95
85) Indeno(1,2,3-cd)pyrene	25.83	276	2745592	35.33	ng		98
87) Benzo(b)fluoranthene	22.85	252	2511185m	33.63	ng		
88) Benzo(k)fluoranthene	22.89	252	2305097	31.89	ng		96
89) Benzo(a)pyrene	23.43	252	2372291	33.02	ng	#	98
90) Dibenzo(a,h)anthracene	25.83	278	2383821	34.96	ng		96
91) Benzo(g,h,i)perylene	26.53	276	2334295	35.08	ng		95

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

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Instrument :
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