Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016936.D
Acq On : 8 May 2015 00:43
Operator : TP/IZ
Sample : G2038-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-02

Manual Integrations APPROVED
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5/8/2015 5:08:36 PM

Quant Time: May 08 06:02:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71220	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	323897	20.00	ng		0.01
38) Acenaphthene-d10	14.44	164	203344	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	422773	20.00	ng		0.00
75) Chrysene-d12	21.36	240	433896	20.00	ng		0.00
86) Perylene-d12	23.66	264	426699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	325963	79.69	ng		0.00
7) Phenol-d6	6.96	99	294126	50.33	ng		0.00
23) Nitrobenzene-d5	8.96	82	625580	94.35	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	330382	161.84	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	1187610	88.13	ng		0.00
78) Terphenyl-d14	19.81	244	1490029	80.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	10420	6.08	ng	#	1
3) Pyridine	3.69	79	73160	13.81	ng		95
4) n-Nitrosodimethylamine	3.61	42	17185	5.43	ng	#	93
6) Aniline	7.13	93	80621	9.83	ng		97
9) Benzaldehyde	6.95	77	49837	10.36	ng	#	1
10) Phenol	6.99	94	224659	35.85	ng		97
11) bis(2-Chloroethyl)ether	7.23	93	15335	3.17	ng		91
15) Benzyl Alcohol	8.04	79	62156	11.65	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.33	45	20475m	2.28	ng		
17) 2-Methylphenol	8.24	107	159549	36.16	ng		97
18) Hexachloroethane	8.90	117	50869	23.38	ng	#	1
19) n-Nitroso-di-n-propylamine	8.60	70	14717	2.87	ng		93
20) 3+4-Methylphenols	8.56	107	26899	4.42	ng		98
22) Acetophenone	8.62	105	55625	7.21	ng		96
24) Nitrobenzene	8.99	77	21809	3.26	ng	#	81
25) Isophorone	9.52	82	31012	2.32	ng		99
27) 2,4-Dimethylphenol	9.77	122	70372	14.26	ng		92
28) bis(2-Chloroethoxy)methane	10.01	93	21299	3.15	ng	#	1
31) Naphthalene	10.68	128	8346518	518.10	ng	#	16
33) 4-Chloroaniline	10.75	127	49051m	6.59	ng		
37) 2-Methylnaphthalene	12.26	142	1340563	109.25	ng		96
45) 1,1'-Biphenyl	13.27	154	265061	18.21	ng		96
47) 2-Nitroaniline	13.51	65	35548	8.86	ng	#	78
48) Acenaphthylene	14.16	152	1074174	53.49	ng		98
49) Dimethylphthalate	13.89	163	52058	3.43	ng	#	87
51) Acenaphthene	14.50	154	435881	36.47	ng		94
52) 3-Nitroaniline	14.34	138	14368	4.01	ng	#	88
54) Dibenzofuran	14.83	168	71934	4.24	ng		95
56) 2,4-Dinitrotoluene	14.80	165	10413	2.58	ng	#	81
57) Fluorene	15.48	166	267005	17.77	ng		98
59) Diethylphthalate	15.26	149	34041	2.12	ng		92
61) 4-Nitroaniline	15.50	138	22483	5.41	ng		83
62) Azobenzene	15.77	77	35766	2.15	ng		89
65) n-Nitrosodiphenylamine	15.70	169	26540	2.06	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Phenanthrene	17.22	178	507046	23.31	ng		97
71) Anthracene	17.31	178	139540	6.36	ng		99
72) Carbazole	17.58	167	258653	12.40	ng		98
73) Di-n-butylphthalate	18.15	149	55106	2.04	ng	#	91
74) Fluoranthene	19.24	202	113419	4.49	ng		99
77) Pyrene	19.60	202	139566	5.45	ng		98
80) Benzo(a)anthracene	21.34	228	51661	2.22	ng		97
82) Chrysene	21.39	228	48178	2.21	ng		96
83) Bis(2-ethylhexyl)phthalate	21.28	149	37103	2.23	ng		99
84) Di-n-octyl phthalate	22.17	149	58211	2.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.02	276	56269	2.17	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	51055m	2.15	ng		
89) Benzo(a)pyrene	23.56	252	45737	2.06	ng		97
90) Dibenzo(a,h)anthracene	26.02	278	45938	2.03	ng		98
91) Benzo(g,h,i)perylene	26.73	276	45119	2.09	ng		93

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

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