Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021137.D
Acq On : 28 Feb 2016 5:29
Operator : UM/SJ
Sample : H1443-01MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP004MSD

Manual Integrations APPROVED
UMANGI
2/29/2016 12:40:28 PM

Quant Time: Feb 29 00:52:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6570	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	35292	20.00	ng		-0.02
38) Acenaphthene-d10	14.77	164	23749	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	57583	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	60619	20.00	ng		-0.02
86) Perylene-d12	25.05	264	53554	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	77892	207.56	ng		0.00
7) Phenol-d6	7.31	99	126680	226.85	ng		-0.01
23) Nitrobenzene-d5	9.33	82	88470	119.44	ng		-0.02
41) 2,4,6-Tribromophenol	16.26	330	43382	139.33	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	158332	85.31	ng		-0.01
78) Terphenyl-d14	20.10	244	254750	98.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	7994	46.00	ng	#	85
3) Pyridine	4.01	79	25992	51.14	ng		95
4) n-Nitrosodimethylamine	3.92	42	13612	52.82	ng		98
6) Aniline	7.49	93	19559	28.32	ng		92
8) 2-Chlorophenol	7.73	128	30343	64.83	ng		89
9) Benzaldehyde	7.30	77	8205	27.13	ng		82
10) Phenol	7.34	94	46433	81.17	ng		79
11) bis(2-Chloroethyl)ether	7.58	93	29066	66.29	ng		96
12) 1,3-Dichlorobenzene	8.05	146	26588	53.37	ng	#	89
13) 1,4-Dichlorobenzene	8.20	146	28190	52.98	ng		96
14) 1,2-Dichlorobenzene	8.52	146	27549	54.68	ng		96
15) Benzyl Alcohol	8.40	79	36802	75.45	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.69	45	45480	90.46	ng		93
17) 2-Methylphenol	8.60	107	30252	74.92	ng	#	90
18) Hexachloroethane	9.25	117	11226	55.77	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	31494	73.11	ng		97
20) 3+4-Methylphenols	8.92	107	42151	75.29	ng		92
22) Acetophenone	8.99	105	49897	51.22	ng	#	94
24) Nitrobenzene	9.38	77	45867	59.94	ng		90
25) Isophorone	9.89	82	88148	63.49	ng		95
26) 2-Nitrophenol	10.08	139	17293	53.45	ng	#	64
27) 2,4-Dimethylphenol	10.13	122	30611	53.64	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	44209	65.34	ng		96
29) 2,4-Dichlorophenol	10.62	162	31912	57.13	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	28591	45.16	ng		99
31) Naphthalene	11.03	128	95684	52.78	ng		98
33) 4-Chloroaniline	11.13	127	12097	15.98	ng	#	88
34) Hexachlorobutadiene	11.30	225	17282	40.79	ng		96
35) Caprolactam	11.90	113	13183m	69.84	ng		
36) 4-Chloro-3-methylphenol	12.23	107	45031	65.75	ng		87
37) 2-Methylnaphthalene	12.62	142	73467	57.71	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	36491	41.58	ng	#	97
40) Hexachlorocyclopentadiene	12.95	237	42211	73.14	ng		99
42) 2,4,6-Trichlorophenol	13.21	196	28861	52.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	32153	56.86	ng		94
45) 1,1'-Biphenyl	13.61	154	96908	48.46	ng		95
46) 2-Chloronaphthalene	13.66	162	75585	49.81	ng		96
47) 2-Nitroaniline	13.85	65	37401	76.07	ng	#	75
48) Acenaphthylene	14.50	152	127526	53.12	ng		98
49) Dimethylphthalate	14.22	163	141909	69.33	ng		98
50) 2,6-Dinitrotoluene	14.34	165	23947	56.87	ng	#	63
51) Acenaphthene	14.83	154	82484	50.37	ng		99
52) 3-Nitroaniline	14.67	138	13274	32.40	ng	#	78
53) 2,4-Dinitrophenol	14.87	184	8572	29.20	ng		88
54) Dibenzofuran	15.17	168	122090	58.85	ng		93
55) 4-Nitrophenol	14.96	139	44203	121.63	ng	#	55
56) 2,4-Dinitrotoluene	15.12	165	35079	58.09	ng	#	68
57) Fluorene	15.82	166	107708	53.37	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	28244	57.47	ng	#	97
59) Diethylphthalate	15.58	149	118340	54.86	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	52889	47.64	ng		98
61) 4-Nitroaniline	15.83	138	27150	58.19	ng	#	58
62) Azobenzene	16.10	77	135094	72.28	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	18792	44.49	ng		93
65) n-Nitrosodiphenylamine	16.02	169	96914	57.05	ng		94
66) 4-Bromophenyl-phenylether	16.70	248	31621	46.64	ng	#	87
67) Hexachlorobenzene	16.81	284	31938	44.65	ng	#	88
68) Atrazine	16.96	200	36806	58.47	ng		98
69) Pentachlorophenol	17.15	266	40711	84.32	ng		93
70) Phenanthrene	17.55	178	171001	55.19	ng		98
71) Anthracene	17.64	178	166862	53.48	ng		98
72) Carbazole	17.91	167	156499	58.09	ng		97
73) Di-n-butylphthalate	18.45	149	207562	58.45	ng	#	98
74) Fluoranthene	19.55	202	200115	51.49	ng		97
76) Benzidine	19.72	184	38401	24.08	ng		97
77) Pyrene	19.91	202	204698	60.98	ng		99
79) Butylbenzylphthalate	20.78	149	92296	65.89	ng		89
80) Benzo(a)anthracene	21.75	228	193696	55.53	ng		97
81) 3,3'-Dichlorobenzidine	21.66	252	23567	17.27	ng		100
82) Chrysene	21.82	228	175131	52.14	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	135619	62.69	ng		95
84) Di-n-octyl phthalate	22.88	149	232912	64.24	ng		99
85) Indeno(1,2,3-cd)pyrene	28.81	276	199081	49.16	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	187756	56.09	ng		100
88) Benzo(k)fluoranthene	24.08	252	182422	55.28	ng		97
89) Benzo(a)pyrene	24.90	252	180126	56.06	ng		96
90) Dibenzo(a,h)anthracene	28.87	278	168381	51.98	ng		96
91) Benzo(g,h,i)perylene	29.98	276	161064	51.62	ng		95

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

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