Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021112.D
Acq On : 27 Feb 2016 13:09
Operator : UM/SJ
Sample : H1578-06MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CEB-3-20160224MS

Manual Integrations APPROVED
Sohil
2/29/2016 12:38:55 PM

Quant Time: Feb 29 05:56:34 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	6485	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	30243	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	19512	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	48062	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	54584	20.00	ng		-0.02
86) Perylene-d12	25.06	264	50473	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	23690	63.95	ng		0.00
7) Phenol-d6	7.31	99	21839	39.62	ng		-0.02
23) Nitrobenzene-d5	9.34	82	68041	107.19	ng		-0.01
41) 2,4,6-Tribromophenol	16.26	330	35242	137.76	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	142903	93.72	ng		0.00
78) Terphenyl-d14	20.10	244	215642	92.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	2570	14.98	ng	#	80
3) Pyridine	4.01	79	6643	13.24	ng	#	92
4) n-Nitrosodimethylamine	3.92	42	4270	16.79	ng	#	94
6) Aniline	7.48	93	15554	22.81	ng		92
8) 2-Chlorophenol	7.73	128	18740	40.56	ng		92
9) Benzaldehyde	7.30	77	3258	10.91	ng		85
10) Phenol	7.34	94	8142	14.42	ng	#	71
11) bis(2-Chloroethyl)ether	7.58	93	22915	52.94	ng		98
12) 1,3-Dichlorobenzene	8.06	146	23702	48.20	ng	#	89
13) 1,4-Dichlorobenzene	8.20	146	23967	45.63	ng		97
14) 1,2-Dichlorobenzene	8.52	146	23055	46.36	ng		100
15) Benzyl Alcohol	8.40	79	15732	32.67	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	30170	60.80	ng		89
17) 2-Methylphenol	8.60	107	13833	34.71	ng	#	89
18) Hexachloroethane	9.26	117	9687	48.75	ng		91
19) n-Nitroso-di-n-propylamine	8.97	70	23581	55.46	ng		95
20) 3+4-Methylphenols	8.92	107	16837	30.47	ng		89
22) Acetophenone	8.99	105	40795	48.87	ng	#	96
24) Nitrobenzene	9.38	77	35619	54.32	ng		90
25) Isophorone	9.89	82	64360	54.10	ng	#	96
26) 2-Nitrophenol	10.09	139	12787	46.12	ng	#	65
27) 2,4-Dimethylphenol	10.13	122	22552	46.12	ng		88
28) bis(2-Chloroethoxy)methane	10.38	93	33222	57.30	ng		97
29) 2,4-Dichlorophenol	10.62	162	22629	47.27	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	24729	45.58	ng		99
31) Naphthalene	11.03	128	77964	50.19	ng		99
32) Benzoic acid	10.21	122	4364m	9.72	ng		
33) 4-Chloroaniline	11.13	127	11683	18.01	ng	#	91
34) Hexachlorobutadiene	11.31	225	16279	44.84	ng		93
35) Caprolactam	11.90	113	776	4.80	ng	#	85
36) 4-Chloro-3-methylphenol	12.23	107	26435	45.04	ng		88
37) 2-Methylnaphthalene	12.62	142	60055	55.05	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	32291	44.78	ng		97
40) Hexachlorocyclopentadiene	12.96	237	43434	91.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22083	48.84	ng		96
43) 2,4,5-Trichlorophenol	13.28	196	24594	52.94	ng	#	93
45) 1,1'-Biphenyl	13.61	154	77037	46.88	ng		96
46) 2-Chloronaphthalene	13.66	162	61950	49.69	ng		99
47) 2-Nitroaniline	13.85	65	23970	59.34	ng	#	78
48) Acenaphthylene	14.50	152	98898	50.14	ng		98
49) Dimethylphthalate	14.23	163	87314	51.92	ng	#	97
50) 2,6-Dinitrotoluene	14.35	165	18063	52.21	ng	#	74
51) Acenaphthene	14.84	154	63387	47.11	ng		99
52) 3-Nitroaniline	14.67	138	8344	24.79	ng	#	84
53) 2,4-Dinitrophenol	14.88	184	24117	99.98	ng		87
54) Dibenzofuran	15.17	168	94924	55.69	ng		93
55) 4-Nitrophenol	14.96	139	9962	33.36	ng	#	55
56) 2,4-Dinitrotoluene	15.12	165	26581	53.58	ng	#	79
57) Fluorene	15.82	166	83696	50.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	21964	54.39	ng	#	99
59) Diethylphthalate	15.58	149	91632	51.70	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	43123	47.28	ng		99
61) 4-Nitroaniline	15.83	138	17415	45.43	ng	#	53
62) Azobenzene	16.10	77	97042	63.20	ng		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	16921	48.00	ng		93
65) n-Nitrosodiphenylamine	16.02	169	75173	53.02	ng		91
66) 4-Bromophenyl-phenylether	16.70	248	26960	47.64	ng	#	92
67) Hexachlorobenzene	16.82	284	27480	46.03	ng		93
68) Atrazine	16.96	200	28491	54.23	ng		99
69) Pentachlorophenol	17.16	266	37602	93.30	ng		91
70) Phenanthrene	17.56	178	135661	52.46	ng		99
71) Anthracene	17.64	178	138937	53.35	ng		99
72) Carbazole	17.91	167	126139	56.10	ng		98
73) Di-n-butylphthalate	18.46	149	165870	55.96	ng	#	98
74) Fluoranthene	19.55	202	167068	51.50	ng		97
76) Benzidine	19.72	184	17447	12.15	ng		98
77) Pyrene	19.91	202	173155	57.29	ng		99
79) Butylbenzylphthalate	20.79	149	74928	59.40	ng		93
80) Benzo(a)anthracene	21.76	228	168269	53.58	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	26279	21.38	ng		96
82) Chrysene	21.83	228	152818	50.52	ng		99
83) Bis(2-ethylhexyl)phthalate	21.66	149	110599	56.78	ng	#	94
84) Di-n-octyl phthalate	22.89	149	186144	57.02	ng		97
85) Indeno(1,2,3-cd)pyrene	28.81	276	180717	49.56	ng	#	100
87) Benzo(b)fluoranthene	24.02	252	169729	53.80	ng		97
88) Benzo(k)fluoranthene	24.09	252	161509	51.93	ng		97
89) Benzo(a)pyrene	24.91	252	159563	52.69	ng		97
90) Dibenzo(a,h)anthracene	28.88	278	155156	50.82	ng		98
91) Benzo(g,h,i)perylene	30.00	276	147270	50.08	ng		96

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

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