Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020995.D
Acq On : 20 Feb 2016 6:05
Operator : SJ/UM
Sample : H1520-05MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40054(0-2)MS

Manual Integrations APPROVED
UMANGI
2/22/2016 10:55:43 AM

Quant Time: Feb 21 23:26:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19576	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	99962	20.00	ng		-0.01
38) Acenaphthene-d10	14.88	164	63716	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	139753	20.00	ng		0.00
75) Chrysene-d12	21.89	240	131395	20.00	ng		-0.02
86) Perylene-d12	25.26	264	124732	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	207351	178.37	ng		0.00
7) Phenol-d6	7.41	99	293143	172.54	ng		0.00
23) Nitrobenzene-d5	9.43	82	152712	100.45	ng		-0.01
41) 2,4,6-Tribromophenol	16.36	330	111172	177.43	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	351887	77.58	ng		-0.01
78) Terphenyl-d14	20.19	244	501561	89.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	18186	43.03	ng		97
3) Pyridine	4.04	79	11615	9.29	ng		96
4) n-Nitrosodimethylamine	3.95	42	16516	50.49	ng		99
6) Aniline	7.58	93	39151	18.48	ng		99
8) 2-Chlorophenol	7.82	128	81240	55.95	ng		98
9) Benzaldehyde	7.39	77	13808	16.23	ng		94
10) Phenol	7.44	94	104288	58.00	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	72250	50.31	ng		97
12) 1,3-Dichlorobenzene	8.15	146	75393	49.11	ng		99
13) 1,4-Dichlorobenzene	8.30	146	77563	49.83	ng		99
14) 1,2-Dichlorobenzene	8.62	146	75876	50.10	ng		98
15) Benzyl Alcohol	8.50	79	62139	58.02	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	69847	46.63	ng		99
17) 2-Methylphenol	8.70	107	72150	55.70	ng		99
18) Hexachloroethane	9.35	117	26300	49.14	ng		96
19) n-Nitroso-di-n-propylamine	9.07	70	54586	49.79	ng		98
20) 3+4-Methylphenols	9.02	107	102337	56.69	ng		98
22) Acetophenone	9.09	105	114623	47.57	ng	#	100
24) Nitrobenzene	9.48	77	76818	48.47	ng		96
25) Isophorone	9.99	82	158083	49.33	ng		98
26) 2-Nitrophenol	10.19	139	46172	55.36	ng		96
27) 2,4-Dimethylphenol	10.24	122	83504	52.25	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	105544	53.45	ng		99
29) 2,4-Dichlorophenol	10.73	162	83745	58.47	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	72252	50.08	ng		99
31) Naphthalene	11.14	128	257642	49.82	ng		99
32) Benzoic acid	10.36	122	47692	37.20	ng		98
33) 4-Chloroaniline	11.24	127	18579	8.35	ng		99
34) Hexachlorobutadiene	11.42	225	36107	49.10	ng		97
35) Caprolactam	12.01	113	31143m	56.74	ng		
36) 4-Chloro-3-methylphenol	12.34	107	96690	58.92	ng		100
37) 2-Methylnaphthalene	12.72	142	197880	54.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	82977	44.40	ng		98
40) Hexachlorocyclopentadiene	13.06	237	80048	97.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	68150	54.28	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	74616	56.52	ng	99
45) 1,1'-Biphenyl	13.71	154	256699	45.67	ng	99
46) 2-Chloronaphthalene	13.76	162	193410	48.06	ng	99
47) 2-Nitroaniline	13.96	65	52659	54.64	ng	99
48) Acenaphthylene	14.60	152	345668	49.40	ng	100
49) Dimethylphthalate	14.32	163	343276	68.90	ng	99
50) 2,6-Dinitrotoluene	14.45	165	59243	55.49	ng	98
51) Acenaphthene	14.94	154	212586	50.11	ng	98
52) 3-Nitroaniline	14.78	138	42541	34.29	ng	99
53) 2,4-Dinitrophenol	14.98	184	53888	114.92	ng	90
54) Dibenzofuran	15.27	168	315213	56.17	ng	100
55) 4-Nitrophenol	15.08	139	111161	118.65	ng	98
56) 2,4-Dinitrotoluene	15.23	165	82510	59.79	ng	97
57) Fluorene	15.92	166	273211	52.87	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	63755	63.38	ng	99
59) Diethylphthalate	15.67	149	273446	53.39	ng	98
60) 4-Chlorophenyl-phenylether	15.90	204	118071	51.44	ng	96
61) 4-Nitroaniline	15.93	138	68240	54.80	ng	97
62) Azobenzene	16.19	77	222028	55.13	ng	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	37403	52.13	ng	99
65) n-Nitrosodiphenylamine	16.12	169	221359	49.02	ng	99
66) 4-Bromophenyl-phenylether	16.79	248	72946	49.42	ng	97
67) Hexachlorobenzene	16.91	284	79812	50.82	ng	98
68) Atrazine	17.05	200	70828	51.69	ng	98
69) Pentachlorophenol	17.25	266	97871	108.70	ng	98
70) Phenanthrene	17.65	178	404246	50.80	ng	99
71) Anthracene	17.74	178	400140	49.55	ng	99
72) Carbazole	18.01	167	382456	52.77	ng	100
73) Di-n-butylphthalate	18.55	149	456124	49.08	ng	100
74) Fluoranthene	19.65	202	436873	50.83	ng	98
76) Benzidine	19.81	184	11023	2.59	ng	98
77) Pyrene	20.00	202	446638	51.53	ng	99
79) Butylbenzylphthalate	20.87	149	210129	50.64	ng	99
80) Benzo(a)anthracene	21.87	228	399480	50.93	ng	99
81) 3,3'-Dichlorobenzidine	21.77	252	58127	19.96	ng	99
82) Chrysene	21.94	228	354448	48.05	ng	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	310555	50.48	ng	99
84) Di-n-octyl phthalate	23.01	149	523685	51.86	ng	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	430275	50.72	ng	98
87) Benzo(b)fluoranthene	24.19	252	395812	51.85	ng	98
88) Benzo(k)fluoranthene	24.26	252	366725	49.03	ng	100
89) Benzo(a)pyrene	25.10	252	371241	51.04	ng	100
90) Dibenzo(a,h)anthracene	29.19	278	349810	49.46	ng	99
91) Benzo(g,h,i)perylene	30.35	276	337947	48.14	ng	98

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

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