Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028921.D
Acq On : 25 Sep 2017 23:53
Operator : SJ/JU
Sample : I5380-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MS

Manual Integrations APPROVED
Sohil
9/26/2017 5:00:18 PM

Quant Time: Sep 26 11:50:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22765	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	97700	20.00	ng		-0.05
38) Acenaphthene-d10	14.90	164	76246	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	233453	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	274825	20.00	ng		-0.07
86) Perylene-d12	25.43	264	280212	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	197515	143.16	ng		-0.05
7) Phenol-d6	7.44	99	242069	116.53	ng		-0.05
23) Nitrobenzene-d5	9.45	82	205780	100.76	ng		-0.05
41) 2,4,6-Tribromophenol	16.39	330	231765	183.79	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	544618	95.25	ng		-0.05
78) Terphenyl-d14	20.23	244	1275239	98.96	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	21630	38.715	ng	#	84
3) Pyridine	4.18	79	54440	34.159	ng		94
4) n-Nitrosodimethylamine	4.08	42	33517	46.232	ng	#	81
6) Aniline	7.61	93	70294	29.077	ng	#	90
8) 2-Chlorophenol	7.85	128	76524	49.755	ng		94
9) Benzaldehyde	7.42	77	20218	15.688	ng		90
10) Phenol	7.46	94	83179	37.942	ng		86
11) bis(2-Chloroethyl)ether	7.69	93	74692	47.456	ng		93
12) 1,3-Dichlorobenzene	8.17	146	81171	49.013	ng		90
13) 1,4-Dichlorobenzene	8.32	146	85757	50.358	ng		94
14) 1,2-Dichlorobenzene	8.64	146	79657	47.347	ng		94
15) Benzyl Alcohol	8.52	79	77111	47.553	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	135783	47.468	ng		99
17) 2-Methylphenol	8.72	107	72371	50.520	ng	#	91
18) Hexachloroethane	9.36	117	31016	49.693	ng		94
19) n-Nitroso-di-n-propylamine	9.07	70	69895	47.466	ng	#	89
20) 3+4-Methylphenols	9.05	107	94000	46.913	ng		96
22) Acetophenone	9.10	105	131090	45.889	ng	#	89
24) Nitrobenzene	9.49	77	105066	46.458	ng	#	92
25) Isophorone	10.01	82	194885	47.160	ng		99
26) 2-Nitrophenol	10.21	139	42423	44.076	ng		99
27) 2,4-Dimethylphenol	10.26	122	82944	47.144	ng		98
28) bis(2-Chloroethoxy)methane	10.48	93	108520	48.357	ng		99
29) 2,4-Dichlorophenol	10.76	162	88817	50.738	ng		96
30) 1,2,4-Trichlorobenzene	10.96	180	93727	46.934	ng		98
31) Naphthalene	11.15	128	305834	59.936	ng		99
32) Benzoic acid	10.38	122	21701	21.252	ng	#	86
33) 4-Chloroaniline	11.29	127	10399	4.865	ng		93
34) Hexachlorobutadiene	11.42	225	65062	44.233	ng		98
35) Caprolactam	12.05	113	22870m	36.432	ng		
36) 4-Chloro-3-methylphenol	12.37	107	112135	49.222	ng		94
37) 2-Methylnaphthalene	12.74	142	206679	54.251	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	127027	40.519	ng		98
40) Hexachlorocyclopentadiene	13.08	237	109372	88.873	ng		97

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Quant Time: Sep 26 11:50:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	92592	46.535	ng		91
43) 2,4,5-Trichlorophenol	13.43	196	102252	51.142	ng	#	91
45) 1,1'-Biphenyl	13.73	154	276178	43.748	ng		96
46) 2-Chloronaphthalene	13.78	162	217873	47.317	ng		98
47) 2-Nitroaniline	13.99	65	94302	55.107	ng		94
48) Acenaphthylene	14.62	152	359081	48.813	ng		97
49) Dimethylphthalate	14.34	163	332227	51.962	ng		99
50) 2,6-Dinitrotoluene	14.47	165	80077	56.287	ng	#	80
51) Acenaphthene	14.96	154	228845	51.211	ng		94
52) 3-Nitroaniline	14.81	138	38429	30.546	ng	#	90
53) 2,4-Dinitrophenol	15.02	184	58968	78.796	ng		92
54) Dibenzofuran	15.29	168	401122	56.288	ng		95
55) 4-Nitrophenol	15.13	139	86325	93.654	ng	#	77
56) 2,4-Dinitrotoluene	15.26	165	118910	59.444	ng		87
57) Fluorene	15.94	166	356000	55.956	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	108249	61.431	ng		93
59) Diethylphthalate	15.69	149	365477	55.624	ng		97
60) 4-Chlorophenyl-phenylether	15.93	204	193971	53.543	ng		91
61) 4-Nitroaniline	15.98	138	78646	59.007	ng		87
62) Azobenzene	16.22	77	329768	59.676	ng		91
64) 4,6-Dinitro-2-methylphenol	16.03	198	63710	42.293	ng		92
65) n-Nitrosodiphenylamine	16.14	169	310666	46.421	ng		99
66) 4-Bromophenyl-phenylether	16.82	248	138412	46.077	ng		99
67) Hexachlorobenzene	16.95	284	151186	44.221	ng	#	88
68) Atrazine	17.09	200	140319	48.833	ng		94
69) Pentachlorophenol	17.30	266	139171	90.094	ng		94
70) Phenanthrene	17.69	178	658587	55.166	ng		96
71) Anthracene	17.78	178	635505	52.697	ng		98
72) Carbazole	18.05	167	588672	54.199	ng	#	94
73) Di-n-butylphthalate	18.58	149	663070	49.788	ng	#	93
74) Fluoranthene	19.69	202	792504	54.367	ng		95
76) Benzidine	19.87	184	322052	45.189	ng		94
77) Pyrene	20.06	202	813841	51.340	ng		96
79) Butylbenzylphthalate	20.91	149	309053	48.274	ng		93
80) Benzo(a)anthracene	21.95	228	834962	50.473	ng		95
81) 3,3'-Dichlorobenzidine	21.85	252	179593	26.777	ng	#	94
82) Chrysene	22.02	228	782106	49.828	ng		96
83) Bis(2-ethylhexyl)phthalate	21.81	149	431168	47.372	ng		100
84) Di-n-octyl phthalate	23.09	149	746497	46.943	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.40	276	1003962	49.782	ng	#	96
87) Benzo(b)fluoranthene	24.32	252	859833	51.217	ng		98
88) Benzo(k)fluoranthene	24.39	252	834175	49.744	ng		94
89) Benzo(a)pyrene	25.26	252	824766	51.758	ng		96
90) Dibenzo(a,h)anthracene	29.44	278	836103	50.327	ng	#	98
91) Benzo(g,h,i)perylene	30.64	276	827464	51.046	ng		97

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

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