Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
Data File : BG027777.D
Acq On : 1 Jul 2017 10:34
Operator : SJ/JU
Sample : I3956-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-2093-COMPMS

Manual Integrations APPROVED
mohammad
7/5/2017 11:31:35 AM

Quant Time: Jul 03 15:04:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	28241	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	144211	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	101672	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	255935	20.00	ng		0.00
75) Chrysene-d12	22.18	240	264175	20.00	ng		0.00
86) Perylene-d12	25.80	264	243603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	243529	132.79	ng		0.00
7) Phenol-d6	7.62	99	323958	115.63	ng		0.00
23) Nitrobenzene-d5	9.65	82	223191	86.27	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	236123	169.32	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	617029	86.67	ng		0.00
78) Terphenyl-d14	20.39	244	1110869	98.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.06	88	20892	30.598	ng	#	91
3) Pyridine	4.44	79	73728	35.067	ng		94
4) n-Nitrosodimethylamine	4.34	42	38228	37.078	ng		84
6) Aniline	7.81	93	62894	19.366	ng		99
8) 2-Chlorophenol	8.04	128	93316	45.535	ng		92
9) Benzaldehyde	7.62	77	20962	12.574	ng		97
10) Phenol	7.65	94	110837	39.986	ng		83
11) bis(2-Chloroethyl)ether	7.88	93	88563	42.063	ng		95
12) 1,3-Dichlorobenzene	8.37	146	84530	38.778	ng	#	91
13) 1,4-Dichlorobenzene	8.51	146	87514	38.746	ng		96
14) 1,2-Dichlorobenzene	8.83	146	87104	39.773	ng		93
15) Benzyl Alcohol	8.71	79	84527	43.613	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.99	45	180100	40.103	ng		97
17) 2-Methylphenol	8.90	107	84027	42.848	ng	#	87
18) Hexachloroethane	9.56	117	31392	39.511	ng	#	81
19) n-Nitroso-di-n-propylamine	9.26	70	78269	38.399	ng	#	93
20) 3+4-Methylphenols	9.22	107	119100	42.115	ng		87
22) Acetophenone	9.30	105	143272	41.171	ng	#	90
24) Nitrobenzene	9.69	77	109124	40.344	ng	#	83
25) Isophorone	10.20	82	230725	40.914	ng		95
26) 2-Nitrophenol	10.40	139	53271	43.602	ng	#	83
27) 2,4-Dimethylphenol	10.44	122	105864	46.263	ng		90
28) bis(2-Chloroethoxy)methane	10.67	93	123002	38.472	ng	#	96
29) 2,4-Dichlorophenol	10.93	162	99470	49.601	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	88432	43.237	ng	#	95
31) Naphthalene	11.34	128	318465	41.526	ng		98
32) Benzoic acid	10.56	122	54975	40.911	ng	#	78
34) Hexachlorobutadiene	11.62	225	51437	45.135	ng		94
35) Caprolactam	12.22	113	37866m	37.541	ng		
36) 4-Chloro-3-methylphenol	12.53	107	141617	50.185	ng		91
37) 2-Methylnaphthalene	12.92	142	251160	43.969	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	115154	43.101	ng		97
40) Hexachlorocyclopentadiene	13.25	237	131801	104.631	ng		98
42) 2,4,6-Trichlorophenol	13.51	196	90939	47.127	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.58	196	103899	47.519	ng		93
45) 1,1'-Biphenyl	13.90	154	340795	41.819	ng		100
46) 2-Chloronaphthalene	13.95	162	257279	41.792	ng		97
47) 2-Nitroaniline	14.15	65	106732	43.314	ng	#	86
48) Acenaphthylene	14.79	152	461579	41.033	ng		96
49) Dimethylphthalate	14.50	163	392506	45.254	ng		98
50) 2,6-Dinitrotoluene	14.63	165	85199	45.188	ng		83
51) Acenaphthene	15.13	154	288682	40.040	ng		97
52) 3-Nitroaniline	14.97	138	25077	11.306	ng	#	75
53) 2,4-Dinitrophenol	15.17	184	105138	99.292	ng		91
54) Dibenzofuran	15.46	168	446500	46.835	ng		97
55) 4-Nitrophenol	15.26	139	135660	80.120	ng	#	60
56) 2,4-Dinitrotoluene	15.42	165	124965	47.519	ng	#	87
57) Fluorene	16.11	166	403025	43.601	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	100131m	53.126	ng		
59) Diethylphthalate	15.86	149	437262	45.529	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	189642	46.346	ng		93
61) 4-Nitroaniline	16.13	138	73866	31.965	ng	#	68
62) Azobenzene	16.38	77	390921	46.322	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	72331	45.634	ng		81
65) n-Nitrosodiphenylamine	16.31	169	343288	41.233	ng		96
66) 4-Bromophenyl-phenylether	16.99	248	130045	48.582	ng		94
67) Hexachlorobenzene	17.12	284	133703	47.164	ng		97
68) Atrazine	17.24	200	30601	11.642	ng		93
69) Pentachlorophenol	17.46	266	160436	87.976	ng		97
70) Phenanthrene	17.86	178	658626	44.577	ng		95
71) Anthracene	17.95	178	653429	43.795	ng		97
72) Carbazole	18.22	167	506395	34.463	ng		95
73) Di-n-butylphthalate	18.74	149	744923	46.133	ng	#	93
74) Fluoranthene	19.85	202	722730	44.757	ng		94
77) Pyrene	20.22	202	741137	44.704	ng		95
79) Butylbenzylphthalate	21.09	149	339532	45.472	ng	#	88
80) Benzo(a)anthracene	22.16	228	702364	43.976	ng		94
81) 3,3'-Dichlorobenzidine	22.06	252	15528m	2.679	ng		
82) Chrysene	22.23	228	650512	43.452	ng		96
83) Bis(2-ethylhexyl)phthalate	22.01	149	487038	44.635	ng	#	95
84) Di-n-octyl phthalate	23.35	149	828142	45.939	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.96	276	802485	46.901	ng	#	96
87) Benzo(b)fluoranthene	24.64	252	715324	45.579	ng	#	96
88) Benzo(k)fluoranthene	24.72	252	692545	44.642	ng	#	92
89) Benzo(a)pyrene	25.63	252	659952	44.814	ng	#	93
90) Dibenzo(a,h)anthracene	30.03	278	682870	45.772	ng	#	93
91) Benzo(g,h,i)perylene	31.27	276	643058	44.851	ng	#	88

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

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