Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028771.D
Acq On : 15 Sep 2017 17:21
Operator : SJ/JU
Sample : I5167-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C19013061MS

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:41 PM

Quant Time: Sep 16 05:30:46 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	8.29	152	23809	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	113323	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	97523	20.00	ng		-0.04
63) Phenanthrene-d10	17.67	188	253169	20.00	ng		-0.03
75) Chrysene-d12	22.00	240	304653	20.00	ng		-0.04
86) Perylene-d12	25.46	264	300156	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	99414	68.90	ng		-0.05
7) Phenol-d6	7.45	99	90933	41.86	ng		-0.04
23) Nitrobenzene-d5	9.46	82	208905	88.19	ng		-0.04
41) 2,4,6-Tribromophenol	16.41	330	231880	143.76	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	599168	81.92	ng		-0.04
78) Terphenyl-d14	20.25	244	1160696	81.25	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	9132	15.628	ng		90
3) Pyridine	4.18	79	20073	12.043	ng		97
4) n-Nitrosodimethylamine	4.09	42	12001m	15.828	ng		
6) Aniline	7.61	93	61114	24.171	ng		92
8) 2-Chlorophenol	7.86	128	61089	37.978	ng		88
9) Benzaldehyde	7.43	77	45216	33.547	ng		97
10) Phenol	7.47	94	34072	14.861	ng		90
11) bis(2-Chloroethyl)ether	7.70	93	69339	42.123	ng		94
12) 1,3-Dichlorobenzene	8.18	146	65832	38.008	ng		89
13) 1,4-Dichlorobenzene	8.33	146	69927	39.262	ng		100
14) 1,2-Dichlorobenzene	8.65	146	65670	37.321	ng		97
15) Benzyl Alcohol	8.53	79	50495	29.774	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	119866	40.066	ng		98
17) 2-Methylphenol	8.73	107	50803	33.909	ng		90
18) Hexachloroethane	9.37	117	26125	40.021	ng		96
19) n-Nitroso-di-n-propylamine	9.09	70	66046	42.885	ng	#	84
20) 3+4-Methylphenols	9.06	107	61963	29.568	ng		89
22) Acetophenone	9.12	105	128783	38.866	ng	#	88
24) Nitrobenzene	9.50	77	104125	39.694	ng		92
25) Isophorone	10.02	82	197690	41.243	ng	#	96
26) 2-Nitrophenol	10.22	139	43110	38.615	ng	#	88
27) 2,4-Dimethylphenol	10.27	122	76967	37.716	ng		95
28) bis(2-Chloroethoxy)methane	10.50	93	107462	41.284	ng		98
29) 2,4-Dichlorophenol	10.76	162	85244	41.983	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	88975	38.412	ng		98
31) Naphthalene	11.16	128	246656	41.674	ng		99
32) Benzoic acid	10.39	122	12408	13.562	ng	#	83
33) 4-Chloroaniline	11.27	127	60906	24.565	ng	#	91
34) Hexachlorobutadiene	11.44	225	59238	34.722	ng		93
35) Caprolactam	12.06	113	23313	32.018	ng	#	81
36) 4-Chloro-3-methylphenol	12.38	107	104380	39.501	ng		96
37) 2-Methylnaphthalene	12.75	142	201856	45.680	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	136438	34.026	ng		96
40) Hexachlorocyclopentadiene	13.09	237	103305	67.618	ng		95

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Quant Time: Sep 16 05:30:46 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	13.35	196	93059	36.565	ng		97
43) 2,4,5-Trichlorophenol	13.43	196	105758	41.355	ng	#	92
45) 1,1'-Biphenyl	13.75	154	290441	35.970	ng		97
46) 2-Chloronaphthalene	13.79	162	225485	38.286	ng		99
47) 2-Nitroaniline	14.00	65	91630	41.863	ng	#	86
48) Acenaphthylene	14.64	152	381716	40.569	ng		97
49) Dimethylphthalate	14.36	163	338220	41.358	ng		98
50) 2,6-Dinitrotoluene	14.49	165	76067	41.803	ng	#	82
51) Acenaphthene	14.98	154	236081	41.304	ng		96
52) 3-Nitroaniline	14.82	138	45985	28.577	ng		89
53) 2,4-Dinitrophenol	15.03	184	80828	83.869	ng		92
54) Dibenzofuran	15.31	168	421141	46.204	ng		94
55) 4-Nitrophenol	15.13	139	37948	32.188	ng	#	75
56) 2,4-Dinitrotoluene	15.28	165	117270	45.834	ng	#	83
57) Fluorene	15.96	166	376355	46.250	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	105423	46.774	ng		95
59) Diethylphthalate	15.71	149	365180	43.453	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	199476	43.049	ng		91
61) 4-Nitroaniline	15.98	138	69209	40.597	ng		88
62) Azobenzene	16.23	77	326211	46.153	ng		92
64) 4,6-Dinitro-2-methylphenol	16.04	198	71089	43.517	ng		98
65) n-Nitrosodiphenylamine	16.16	169	307924	42.428	ng		97
66) 4-Bromophenyl-phenylether	16.84	248	144909	44.483	ng		96
67) Hexachlorobenzene	16.97	284	149721	40.382	ng	#	87
68) Atrazine	17.10	200	131062	42.059	ng		98
69) Pentachlorophenol	17.32	266	146875	87.677	ng		98
70) Phenanthrene	17.71	178	622622	48.092	ng		94
71) Anthracene	17.80	178	593828	45.406	ng		96
72) Carbazole	18.07	167	506985	43.043	ng		94
73) Di-n-butylphthalate	18.59	149	615588	42.623	ng	#	94
74) Fluoranthene	19.71	202	727207	46.003	ng		91
76) Benzidine	19.88	184	155770	19.717	ng		98
77) Pyrene	20.07	202	741380	42.190	ng		96
79) Butylbenzylphthalate	20.93	149	282989	39.875	ng		92
80) Benzo(a)anthracene	21.97	228	773862	42.200	ng		95
81) 3,3'-Dichlorobenzidine	21.87	252	216518	29.122	ng		95
82) Chrysene	22.04	228	719799	41.368	ng		94
83) Bis(2-ethylhexyl)phthalate	21.82	149	400466	39.691	ng		97
84) Di-n-octyl phthalate	23.12	149	699157	39.662	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.46	276	923733	41.319	ng		99
87) Benzo(b)fluoranthene	24.36	252	802649	44.634	ng		97
88) Benzo(k)fluoranthene	24.43	252	776437m	43.225	ng		
89) Benzo(a)pyrene	25.30	252	760660	44.563	ng		97
90) Dibenzo(a,h)anthracene	29.52	278	771570	43.357	ng		96
91) Benzo(g,h,i)perylene	30.71	276	762108	43.890	ng		99

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

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