Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
Data File : BG025477.D
Acq On : 11 Jan 2017 17:20
Operator : UM/SJ
Sample : I1098-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP3-COMP13MSD

Manual Integrations APPROVED
Sohil
1/12/2017 8:31:14 AM

Quant Time: Jan 11 18:04:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	62369	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	251408	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	210185	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	480593	20.00	ng		0.00
75) Chrysene-d12	21.86	240	675793	20.00	ng		0.00
86) Perylene-d12	25.26	264	728637	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	534257	155.70	ng		0.00
7) Phenol-d6	7.36	99	723777	149.77	ng		0.00
23) Nitrobenzene-d5	9.38	82	594263	104.42	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	524282	154.94	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1273258	98.07	ng		0.00
78) Terphenyl-d14	20.15	244	2452351	96.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	54072	36.93	ng	#	49
3) Pyridine	4.01	79	141666	33.38	ng		94
4) n-Nitrosodimethylamine	3.91	42	112777	44.77	ng	#	95
6) Aniline	7.53	93	138012	21.08	ng		98
8) 2-Chlorophenol	7.77	128	185355	47.89	ng		91
9) Benzaldehyde	7.35	77	17425	4.93	ng	#	77
10) Phenol	7.39	94	242994	45.36	ng		97
11) bis(2-Chloroethyl)ether	7.61	93	182150	44.13	ng		94
12) 1,3-Dichlorobenzene	8.09	146	194512	41.53	ng		97
13) 1,4-Dichlorobenzene	8.24	146	205835	42.40	ng		97
14) 1,2-Dichlorobenzene	8.56	146	195333	42.17	ng		97
15) Benzyl Alcohol	8.45	79	221792	48.08	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.72	45	344620	45.08	ng		90
17) 2-Methylphenol	8.65	107	172178	48.94	ng		95
18) Hexachloroethane	9.28	117	82661	44.34	ng		95
19) n-Nitroso-di-n-propylamine	9.01	70	187578	45.96	ng		96
20) 3+4-Methylphenols	8.98	107	231137	47.47	ng		94
22) Acetophenone	9.04	105	319825	45.79	ng	#	96
24) Nitrobenzene	9.43	77	293936	47.09	ng		97
25) Isophorone	9.94	82	514511	49.93	ng		99
26) 2-Nitrophenol	10.14	139	111441	46.68	ng		94
27) 2,4-Dimethylphenol	10.19	122	193949	49.42	ng		92
28) bis(2-Chloroethoxy)methane	10.42	93	271619	50.76	ng		96
29) 2,4-Dichlorophenol	10.69	162	221845	52.82	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	232465	45.81	ng		91
31) Naphthalene	11.08	128	575904	45.87	ng		98
32) Benzoic acid	10.35	122	110102	34.88	ng		97
33) 4-Chloroaniline	11.22	127	16803	3.18	ng	#	81
34) Hexachlorobutadiene	11.34	225	182875	44.15	ng		94
35) Caprolactam	11.99	113	70021m	44.37	ng		
36) 4-Chloro-3-methylphenol	12.31	107	258569	49.88	ng		96
37) 2-Methylnaphthalene	12.67	142	443150	47.63	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	319551	46.05	ng	#	97
40) Hexachlorocyclopentadiene	12.99	237	273382	104.89	ng		96

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	209993	48.06	ng		94
43) 2,4,5-Trichlorophenol	13.36	196	219597	48.01	ng		96
45) 1,1'-Biphenyl	13.66	154	647519	45.80	ng		97
46) 2-Chloronaphthalene	13.71	162	513544	46.50	ng		99
47) 2-Nitroaniline	13.93	65	222705	47.77	ng		98
48) Acenaphthylene	14.56	152	774453	45.24	ng		96
49) Dimethylphthalate	14.27	163	727270	47.46	ng		97
50) 2,6-Dinitrotoluene	14.41	165	157726	47.12	ng		97
51) Acenaphthene	14.89	154	499076	44.57	ng		97
52) 3-Nitroaniline	14.76	138	49312	15.32	ng		97
53) 2,4-Dinitrophenol	14.97	184	170900	77.99	ng		89
54) Dibenzofuran	15.22	168	836446	47.26	ng		98
55) 4-Nitrophenol	15.08	139	219846	91.47	ng		93
56) 2,4-Dinitrotoluene	15.21	165	236055	48.43	ng	#	90
57) Fluorene	15.87	166	692612	46.74	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	226389	46.21	ng		99
59) Diethylphthalate	15.62	149	755767	47.03	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	383969	45.72	ng		96
61) 4-Nitroaniline	15.92	138	136185	42.06	ng	#	82
62) Azobenzene	16.15	77	790633	51.02	ng		99
64) 4,6-Dinitro-2-methylphenol	15.97	198	151587	45.55	ng		86
65) n-Nitrosodiphenylamine	16.07	169	642142	49.43	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	282738	47.69	ng		97
67) Hexachlorobenzene	16.87	284	322879	47.46	ng	#	89
68) Atrazine	17.01	200	288653	50.71	ng		98
69) Pentachlorophenol	17.23	266	326012	92.43	ng		99
70) Phenanthrene	17.61	178	1199412	48.43	ng		96
71) Anthracene	17.71	178	1222119	48.57	ng		98
72) Carbazole	17.98	167	1089254	48.39	ng		99
73) Di-n-butylphthalate	18.50	149	1340368	48.40	ng		97
74) Fluoranthene	19.61	202	1588324	48.55	ng		96
76) Benzidine	19.80	184	218757	12.98	ng		95
77) Pyrene	19.98	202	1615577	45.74	ng		97
79) Butylbenzylphthalate	20.82	149	677371	47.77	ng		97
80) Benzo(a)anthracene	21.84	228	1842597	48.88	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	402731	27.51	ng		97
82) Chrysene	21.91	228	1681173	46.51	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	962725	48.78	ng		97
84) Di-n-octyl phthalate	22.94	149	1662050	50.73	ng		96
85) Indeno(1,2,3-cd)pyrene	29.19	276	2325945	50.62	ng		100
87) Benzo(b)fluoranthene	24.18	252	1916816m	48.21	ng		
88) Benzo(k)fluoranthene	24.25	252	1873132	48.79	ng		96
89) Benzo(a)pyrene	25.11	252	1881089	48.99	ng		99
90) Dibenzo(a,h)anthracene	29.24	278	1973252	48.49	ng	#	97
91) Benzo(g,h,i)perylene	30.42	276	1821558	45.04	ng		98

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

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