Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
Data File : BG026563.D
Acq On : 5 Apr 2017 18:10
Operator : SJ/MA
Sample : I2537-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-(0-5)MSD

Manual Integrations APPROVED
mohammad
4/6/2017 3:42:23 PM

Quant Time: Apr 06 01:19:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	165042	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	668901	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	404121	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	1028778	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1162525	20.00	ng		0.00
86) Perylene-d12	24.80	264	1159601	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1258371	135.33	ng		0.00
7) Phenol-d6	7.21	99	1552437	124.36	ng		0.00
23) Nitrobenzene-d5	9.20	82	926038	83.24	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	837681	181.01	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2526849	87.69	ng		0.00
78) Terphenyl-d14	19.98	244	3702502	77.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	144706	34.67	ng	#	79
3) Pyridine	3.91	79	329908	28.86	ng	#	61
4) n-Nitrosodimethylamine	3.81	42	123056	39.39	ng	#	1
6) Aniline	7.37	93	205070	12.30	ng	#	84
8) 2-Chlorophenol	7.61	128	498142	47.58	ng	#	78
9) Benzaldehyde	7.18	77	194246	23.05	ng	#	64
10) Phenol	7.23	94	545178	40.92	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	444729	40.71	ng	#	79
12) 1,3-Dichlorobenzene	7.93	146	535052	42.93	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	536218	42.53	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	519612	43.06	ng	#	90
15) Benzyl Alcohol	8.27	79	364712	44.56	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	417330	34.40	ng		78
17) 2-Methylphenol	8.48	107	416413	44.01	ng	#	81
18) Hexachloroethane	9.13	117	170557	41.37	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	319072	39.76	ng	#	69
20) 3+4-Methylphenols	8.81	107	575341	44.17	ng		85
22) Acetophenone	8.86	105	690180	44.87	ng	#	72
24) Nitrobenzene	9.24	77	464365	42.28	ng	#	69
25) Isophorone	9.76	82	918244	43.79	ng	#	88
26) 2-Nitrophenol	9.95	139	285840	50.01	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	481390	51.31	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	597652	43.88	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	518914	54.69	ng		91
30) 1,2,4-Trichlorobenzene	10.71	180	526166	49.37	ng		100
31) Naphthalene	10.89	128	1545703	45.70	ng		99
32) Benzoic acid	10.15	122	318572	44.13	ng	#	67
33) 4-Chloroaniline	11.01	127	32620	2.37	ng	#	77
34) Hexachlorobutadiene	11.18	225	300384	47.77	ng		97
35) Caprolactam	11.76	113	164947m	44.12	ng		
36) 4-Chloro-3-methylphenol	12.12	107	515585	50.80	ng	#	74
37) 2-Methylnaphthalene	12.49	142	1186695	47.90	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	572823	47.11	ng		97
40) Hexachlorocyclopentadiene	12.83	237	626670	97.91	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	433526	54.46	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	457946	52.04	ng	#	88
45) 1,1'-Biphenyl	13.49	154	1516624	45.32	ng		98
46) 2-Chloronaphthalene	13.53	162	1150588	47.07	ng		96
47) 2-Nitroaniline	13.73	65	304102	43.75	ng	#	51
48) Acenaphthylene	14.37	152	1917571	45.00	ng		100
49) Dimethylphthalate	14.10	163	1548036	50.75	ng		98
50) 2,6-Dinitrotoluene	14.22	165	380607	53.46	ng	#	57
51) Acenaphthene	14.71	154	1228205	46.81	ng		100
52) 3-Nitroaniline	14.55	138	40469	5.16	ng	#	60
53) 2,4-Dinitrophenol	14.76	184	346584	83.92	ng	#	71
54) Dibenzofuran	15.04	168	1876643	50.80	ng	#	89
55) 4-Nitrophenol	14.86	139	625775	97.49	ng	#	38
56) 2,4-Dinitrotoluene	15.01	165	545318	54.46	ng	#	67
57) Fluorene	15.69	166	1574709	47.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	471166	61.39	ng	#	92
59) Diethylphthalate	15.45	149	1554180	49.85	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	784399	50.35	ng		90
61) 4-Nitroaniline	15.71	138	359114	43.31	ng	#	49
62) Azobenzene	15.97	77	1220400	48.14	ng		76
64) 4,6-Dinitro-2-methylphenol	15.77	198	307472	47.40	ng		83
65) n-Nitrosodiphenylamine	15.89	169	1417380	46.94	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	551531	52.09	ng		94
67) Hexachlorobenzene	16.69	284	580620	51.40	ng		90
68) Atrazine	16.83	200	457091	39.99	ng		96
69) Pentachlorophenol	17.03	266	733477	99.87	ng		95
70) Phenanthrene	17.42	178	2533689	45.86	ng		98
71) Anthracene	17.51	178	2613792	46.37	ng		96
72) Carbazole	17.78	167	2464362	42.46	ng		96
73) Di-n-butylphthalate	18.33	149	2756654	46.23	ng	#	96
74) Fluoranthene	19.42	202	2979705	45.87	ng		97
76) Benzidine	19.61	184	140444	3.50	ng		96
77) Pyrene	19.78	202	3015303	44.79	ng		95
79) Butylbenzylphthalate	20.66	149	1315172	48.83	ng	#	82
80) Benzo(a)anthracene	21.61	228	2982915	45.60	ng		98
81) 3,3'-Dichlorobenzidine	21.52	252	302903	11.31	ng		97
82) Chrysene	21.67	228	2763074	44.21	ng		97
83) Bis(2-ethylhexyl)phthalate	21.51	149	1849131	45.46	ng		96
84) Di-n-octyl phthalate	22.69	149	3101221	44.67	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.43	276	3851131	49.90	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	3187837	46.63	ng	#	95
88) Benzo(k)fluoranthene	23.86	252	3164878	47.74	ng	#	96
89) Benzo(a)pyrene	24.65	252	3114975	47.51	ng	#	96
90) Dibenzo(a,h)anthracene	28.49	278	3231120	48.76	ng	#	91
91) Benzo(g,h,i)perylene	29.56	276	3158951	47.31	ng	#	87

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

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