Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026036.D
Acq On : 2 Mar 2017 19:18
Operator : SJ/MA
Sample : I2056-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4B-20MS

Manual Integrations APPROVED
mohammad
3/3/2017 10:56:44 AM

Quant Time: Mar 03 02:14:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	125099	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	528640	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	303149	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	692676	20.00	ng		0.00
75) Chrysene-d12	21.66	240	691213	20.00	ng		-0.02
86) Perylene-d12	24.85	264	653408	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1122848	156.27	ng		0.00
7) Phenol-d6	7.23	99	1505352	141.57	ng		0.00
23) Nitrobenzene-d5	9.23	82	853425	101.88	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	518444	185.11	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1823237	105.09	ng		-0.01
78) Terphenyl-d14	20.00	244	2291709	80.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	130399	39.71	ng	#	78
3) Pyridine	3.93	79	371781	37.99	ng	#	66
4) n-Nitrosodimethylamine	3.84	42	139959	39.77	ng	#	11
6) Aniline	7.40	93	490514	33.18	ng	#	91
8) 2-Chlorophenol	7.64	128	447202	52.37	ng		85
9) Benzaldehyde	7.20	77	109481	17.38	ng		79
10) Phenol	7.26	94	584803	50.61	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	426642	44.92	ng		86
12) 1,3-Dichlorobenzene	7.96	146	457704	46.37	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	471638	47.16	ng		94
14) 1,2-Dichlorobenzene	8.43	146	449206	45.76	ng		93
15) Benzyl Alcohol	8.30	79	383784	49.29	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	487596	35.38	ng		84
17) 2-Methylphenol	8.51	107	392138	47.11	ng	#	82
18) Hexachloroethane	9.16	117	159948	48.26	ng		88
19) n-Nitroso-di-n-propylamine	8.87	70	336981	43.39	ng	#	77
20) 3+4-Methylphenols	8.83	107	539724	45.51	ng		87
22) Acetophenone	8.89	105	649345	51.19	ng	#	76
24) Nitrobenzene	9.27	77	463809	51.20	ng	#	77
25) Isophorone	9.79	82	936233	50.79	ng	#	92
26) 2-Nitrophenol	9.98	139	246003	58.07	ng	#	70
27) 2,4-Dimethylphenol	10.04	122	424615	53.71	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	584169	50.00	ng		99
29) 2,4-Dichlorophenol	10.52	162	426969	56.58	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	429868	52.38	ng		96
31) Naphthalene	10.92	128	1330339	48.67	ng		100
32) Benzoic acid	10.11	122	52418	8.68	ng	#	73
33) 4-Chloroaniline	11.02	127	274252	23.10	ng	#	84
34) Hexachlorobutadiene	11.21	225	241939	51.81	ng		97
35) Caprolactam	11.79	113	159285m	52.27	ng		
36) 4-Chloro-3-methylphenol	12.14	107	465405	51.55	ng	#	83
37) 2-Methylnaphthalene	12.52	142	1019147	48.96	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	452316	59.53	ng		99
40) Hexachlorocyclopentadiene	12.87	237	521349	125.39	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	334045	68.07	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	350573	62.93	ng		92
45) 1,1'-Biphenyl	13.51	154	1275588	58.06	ng		98
46) 2-Chloronaphthalene	13.56	162	945819	59.55	ng		99
47) 2-Nitroaniline	13.75	65	295821	58.73	ng	#	65
48) Acenaphthylene	14.40	152	1586152	56.09	ng		99
49) Dimethylphthalate	14.13	163	1661170	79.87	ng		99
50) 2,6-Dinitrotoluene	14.24	165	286065	61.23	ng	#	70
51) Acenaphthene	14.74	154	1097587	58.77	ng		97
52) 3-Nitroaniline	14.57	138	217203	41.56	ng	#	72
53) 2,4-Dinitrophenol	14.77	184	179122	73.27	ng		89
54) Dibenzofuran	15.07	168	1499837	60.24	ng		92
55) 4-Nitrophenol	14.87	139	474386	111.55	ng	#	50
56) 2,4-Dinitrotoluene	15.03	165	397890	63.31	ng	#	76
57) Fluorene	15.72	166	1246966	56.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	331386	67.43	ng		96
59) Diethylphthalate	15.48	149	1288437	59.90	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	581268	56.39	ng		95
61) 4-Nitroaniline	15.73	138	300970	55.56	ng	#	56
62) Azobenzene	16.00	77	1148418	62.11	ng		85
64) 4,6-Dinitro-2-methylphenol	15.79	198	211468	52.17	ng		90
65) n-Nitrosodiphenylamine	15.92	169	1112801	52.97	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	381228	52.51	ng		97
67) Hexachlorobenzene	16.72	284	401476	53.66	ng		96
68) Atrazine	16.86	200	422612	56.84	ng		97
69) Pentachlorophenol	17.06	266	511043	110.72	ng		98
70) Phenanthrene	17.45	178	1905482	50.67	ng		98
71) Anthracene	17.54	178	1942945	50.68	ng		99
72) Carbazole	17.80	167	1789178	46.46	ng		98
73) Di-n-butylphthalate	18.36	149	2156598	57.05	ng	#	95
74) Fluoranthene	19.45	202	2076874	50.16	ng		95
76) Benzidine	19.62	184	939609	43.06	ng		98
77) Pyrene	19.81	202	2124260	48.59	ng		99
79) Butylbenzylphthalate	20.69	149	1026939	61.90	ng		89
80) Benzo(a)anthracene	21.64	228	1956069	48.47	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	393003	27.32	ng	#	99
82) Chrysene	21.70	228	1812984	46.72	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1522230	63.55	ng		98
84) Di-n-octyl phthalate	22.74	149	2589704	65.46	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.51	276	2035246	44.53	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1995757	51.00	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	1855560	48.60	ng	#	93
89) Benzo(a)pyrene	24.71	252	1856805	50.11	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	1618887	43.49	ng	#	93
91) Benzo(g,h,i)perylene	29.65	276	1732596	46.42	ng	#	88

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

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