Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026052.D
Acq On : 3 Mar 2017 5:49
Operator : SJ/MA
Sample : I2057-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 28B-4MS

Manual Integrations APPROVED
mohammad
3/3/2017 10:56:51 AM

Quant Time: Mar 03 06:57:03 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	116518	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	490350	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	283270	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	659435	20.00	ng		-0.01
75) Chrysene-d12	21.66	240	659456	20.00	ng		-0.02
86) Perylene-d12	24.85	264	623999	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1097001	163.91	ng		-0.01
7) Phenol-d6	7.23	99	1455262	146.94	ng		0.00
23) Nitrobenzene-d5	9.23	82	808289	104.03	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	505031	192.97	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1878334	115.87	ng		-0.02
78) Terphenyl-d14	20.00	244	2312652	85.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	120716	39.47	ng	#	81
3) Pyridine	3.93	79	331674	36.39	ng	#	68
4) n-Nitrosodimethylamine	3.84	42	128154	39.10	ng	#	20
6) Aniline	7.40	93	302323	21.96	ng	#	88
8) 2-Chlorophenol	7.64	128	399299	50.20	ng		86
9) Benzaldehyde	7.20	77	98245	16.74	ng	#	77
10) Phenol	7.26	94	564564	52.46	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	381796	43.16	ng		83
12) 1,3-Dichlorobenzene	7.97	146	432300	47.02	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	439435	47.18	ng		92
14) 1,2-Dichlorobenzene	8.43	146	422227	46.17	ng		92
15) Benzyl Alcohol	8.31	79	341043	47.03	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.61	45	431694	33.63	ng		82
17) 2-Methylphenol	8.51	107	354248	45.69	ng	#	82
18) Hexachloroethane	9.16	117	148661	48.16	ng		86
19) n-Nitroso-di-n-propylamine	8.87	70	299141	41.36	ng	#	75
20) 3+4-Methylphenols	8.83	107	483885	43.81	ng		88
22) Acetophenone	8.89	105	580668	49.35	ng	#	77
24) Nitrobenzene	9.27	77	415096	49.40	ng	#	78
25) Isophorone	9.79	82	825217	48.26	ng	#	92
26) 2-Nitrophenol	9.98	139	220813	56.20	ng	#	69
27) 2,4-Dimethylphenol	10.04	122	372320	50.77	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	516207	47.64	ng		99
29) 2,4-Dichlorophenol	10.52	162	387105	55.31	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	399509	52.48	ng		99
31) Naphthalene	10.92	128	1227426	48.42	ng		99
32) Benzoic acid	10.16	122	232555	41.53	ng	#	77
33) 4-Chloroaniline	11.02	127	96738	8.79	ng	#	86
34) Hexachlorobutadiene	11.21	225	222235	51.31	ng		96
35) Caprolactam	11.78	113	148241m	52.45	ng		
36) 4-Chloro-3-methylphenol	12.14	107	417005	49.80	ng	#	79
37) 2-Methylnaphthalene	12.52	142	930959	48.21	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	417010	58.74	ng		98
40) Hexachlorocyclopentadiene	12.87	237	477131	122.81	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	300650	65.57	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	313848	60.29	ng		94
45) 1,1'-Biphenyl	13.52	154	1174964	57.24	ng		99
46) 2-Chloronaphthalene	13.56	162	862200	58.10	ng		99
47) 2-Nitroaniline	13.75	65	258005	54.81	ng	#	64
48) Acenaphthylene	14.40	152	1458169	55.18	ng		98
49) Dimethylphthalate	14.13	163	1381388	71.08	ng		98
50) 2,6-Dinitrotoluene	14.24	165	256823	58.83	ng	#	68
51) Acenaphthene	14.74	154	1052071	60.29	ng		99
52) 3-Nitroaniline	14.57	138	121452	24.87	ng	#	74
53) 2,4-Dinitrophenol	14.77	184	261550	114.50	ng	#	85
54) Dibenzofuran	15.07	168	1362755	58.58	ng		91
55) 4-Nitrophenol	14.87	139	430022	108.21	ng	#	46
56) 2,4-Dinitrotoluene	15.03	165	356216	60.65	ng	#	75
57) Fluorene	15.71	166	1120705	53.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	297592	64.80	ng		97
59) Diethylphthalate	15.48	149	1166312	58.02	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	534264	55.46	ng		93
61) 4-Nitroaniline	15.73	138	270207	53.38	ng	#	56
62) Azobenzene	16.00	77	1028701	59.54	ng		84
64) 4,6-Dinitro-2-methylphenol	15.79	198	203547	52.75	ng		88
65) n-Nitrosodiphenylamine	15.91	169	998181	49.91	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	349793	50.61	ng		98
67) Hexachlorobenzene	16.72	284	364031	51.10	ng		97
68) Atrazine	16.85	200	374055	52.85	ng		96
69) Pentachlorophenol	17.05	266	463397	105.46	ng		98
70) Phenanthrene	17.45	178	1751049	48.91	ng		98
71) Anthracene	17.54	178	1814936	49.73	ng		100
72) Carbazole	17.80	167	1660459	45.29	ng		96
73) Di-n-butylphthalate	18.36	149	2070688	57.54	ng	#	94
74) Fluoranthene	19.45	202	2013902	51.10	ng		95
76) Benzidine	19.62	184	462695	22.23	ng		96
77) Pyrene	19.80	202	2029371	48.66	ng		99
79) Butylbenzylphthalate	20.69	149	959250	60.61	ng		87
80) Benzo(a)anthracene	21.63	228	1849453	48.03	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	345737	25.19	ng	#	95
82) Chrysene	21.70	228	1722100	46.51	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1420671	62.16	ng		99
84) Di-n-octyl phthalate	22.74	149	2426008	64.28	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1937552	44.43	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1874207	50.15	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1837671	50.40	ng	#	93
89) Benzo(a)pyrene	24.70	252	1740413	49.18	ng	#	95
90) Dibenzo(a,h)anthracene	28.55	278	1542117	43.38	ng	#	93
91) Benzo(g,h,i)perylene	29.63	276	1676265	47.03	ng	#	88

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

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