Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
Data File : BG017204.D
Acq On : 19 May 2015 18:40
Operator : TP/IZ
Sample : G2278-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11(16-18)MS

Quant Time: May 20 02:32:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 02:03:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	41708	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	177656	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	118108	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	276329	20.00	ng		0.00
75) Chrysene-d12	21.29	240	293815	20.00	ng		0.00
86) Perylene-d12	23.55	264	293616	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	351008	149.32	ng		0.00
7) Phenol-d6	6.90	99	477047	144.61	ng		0.00
23) Nitrobenzene-d5	8.86	82	322217	84.68	ng		0.00
41) 2,4,6-Tribromophenol	15.85	330	222646	155.94	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	669115	83.13	ng		0.00
78) Terphenyl-d14	19.74	244	1141862	80.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	33368	35.98	ng		98
3) Pyridine	3.56	79	100177	35.70	ng		90
4) n-Nitrosodimethylamine	3.47	42	76549	35.94	ng	#	96
6) Aniline	7.03	93	142755	31.28	ng		95
8) 2-Chlorophenol	7.27	128	124945	44.43	ng		97
9) Benzaldehyde	6.84	77	28538	10.81	ng		94
10) Phenol	6.92	94	159638	45.63	ng		95
11) bis(2-Chloroethyl)ether	7.13	93	115318	43.96	ng		97
12) 1,3-Dichlorobenzene	7.58	146	124489	39.64	ng		99
13) 1,4-Dichlorobenzene	7.73	146	126376	39.86	ng		93
14) 1,2-Dichlorobenzene	8.05	146	119246	39.38	ng		98
15) Benzyl Alcohol	7.94	79	130578	40.74	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	185363	43.58	ng		98
17) 2-Methylphenol	8.16	107	107300	42.30	ng		99
18) Hexachloroethane	8.77	117	53478	40.38	ng		92
19) n-Nitroso-di-n-propylamine	8.50	70	107107	37.26	ng		97
20) 3+4-Methylphenols	8.49	107	149677	42.46	ng		91
22) Acetophenone	8.52	105	187505	43.49	ng		96
24) Nitrobenzene	8.90	77	155537	41.78	ng		96
25) Isophorone	9.42	82	288747	41.17	ng		98
26) 2-Nitrophenol	9.61	139	73045	43.89	ng		89
27) 2,4-Dimethylphenol	9.68	122	123327	45.02	ng		92
28) bis(2-Chloroethoxy)methane	9.91	93	147617	43.23	ng		96
29) 2,4-Dichlorophenol	10.15	162	125861	48.70	ng		97
30) 1,2,4-Trichlorobenzene	10.35	180	122169	41.67	ng		99
31) Naphthalene	10.54	128	363582	41.82	ng	#	95
32) Benzoic acid	9.78	122	10459	5.63	ng		91
33) 4-Chloroaniline	10.65	127	127965	31.12	ng		98
34) Hexachlorobutadiene	10.82	225	77410	41.70	ng		94
35) Caprolactam	11.44	113	58321m	44.89	ng		
36) 4-Chloro-3-methylphenol	11.82	107	157582	48.26	ng		95
37) 2-Methylnaphthalene	12.16	142	287649	41.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	138620	41.48	ng		99
40) Hexachlorocyclopentadiene	12.52	237	173852	85.29	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	106431	44.90	ng		98
43) 2,4,5-Trichlorophenol	12.88	196	117123	47.96	ng		96
45) 1,1'-Biphenyl	13.18	154	357782	42.06	ng		98
46) 2-Chloronaphthalene	13.23	162	289831	43.03	ng		98
47) 2-Nitroaniline	13.44	65	122449	46.73	ng		95
48) Acenaphthylene	14.07	152	489570	42.44	ng		100
49) Dimethylphthalate	13.82	163	460957	49.91	ng		99
50) 2,6-Dinitrotoluene	13.94	165	94185	46.02	ng		97
51) Acenaphthene	14.42	154	288459	42.33	ng		99
52) 3-Nitroaniline	14.27	138	80556	35.48	ng		94
53) 2,4-Dinitrophenol	14.47	184	72153	60.73	ng		99
54) Dibenzofuran	14.76	168	442573	43.69	ng		97
55) 4-Nitrophenol	14.63	139	176555	96.57	ng		92
56) 2,4-Dinitrotoluene	14.73	165	132800	46.52	ng		96
57) Fluorene	15.41	166	391937	43.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	109357	48.79	ng		98
59) Diethylphthalate	15.18	149	428649	43.21	ng		97
60) 4-Chlorophenyl-phenylether	15.40	204	200600	43.56	ng		97
61) 4-Nitroaniline	15.44	138	112160	44.28	ng		96
62) Azobenzene	15.70	77	431879	45.57	ng		97
64) 4,6-Dinitro-2-methylphenol	15.49	198	76733	40.52	ng		99
65) n-Nitrosodiphenylamine	15.62	169	347024	40.91	ng		96
66) 4-Bromophenyl-phenylether	16.29	248	128177	42.53	ng		99
67) Hexachlorobenzene	16.41	284	132427	41.64	ng		95
68) Atrazine	16.58	200	143067	46.10	ng		98
69) Pentachlorophenol	16.76	266	175550	88.43	ng		96
70) Phenanthrene	17.15	178	604630	42.43	ng		98
71) Anthracene	17.23	178	617044	42.73	ng		98
72) Carbazole	17.51	167	598814	45.13	ng		97
73) Di-n-butylphthalate	18.07	149	762893	42.97	ng		99
74) Fluoranthene	19.17	202	724794	42.36	ng		97
76) Benzidine	19.36	184	410440	42.79	ng		98
77) Pyrene	19.53	202	757506	42.02	ng		98
79) Butylbenzylphthalate	20.43	149	352839	43.05	ng		99
80) Benzo(a)anthracene	21.27	228	706962	41.99	ng		99
81) 3,3'-Dichlorobenzidine	21.21	252	206303	31.66	ng		99
82) Chrysene	21.32	228	672773	42.90	ng		97
83) Bis(2-ethylhexyl)phthalate	21.21	149	510304	43.81	ng		99
84) Di-n-octyl phthalate	22.09	149	843332	43.48	ng		99
85) Indeno(1,2,3-cd)pyrene	25.87	276	799514	42.60	ng		98
87) Benzo(b)fluoranthene	22.87	252	738471	43.15	ng		99
88) Benzo(k)fluoranthene	22.92	252	671582	41.33	ng		100
89) Benzo(a)pyrene	23.45	252	686276	43.66	ng		99
90) Dibenzo(a,h)anthracene	25.88	278	684866	42.44	ng		98
91) Benzo(g,h,i)perylene	26.58	276	639853	42.13	ng	#	97

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

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