Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022231.D
Acq On : 8 Jun 2016 10:43
Operator : UM/SJ
Sample : H3425-06MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP16-LF2MW2MS

Quant Time: Jun 08 17:06:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21692	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	117702	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	80924	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	193169	20.00	ng		0.00
75) Chrysene-d12	21.77	240	185879	20.00	ng		0.00
86) Perylene-d12	25.06	264	178539	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	81154	72.33	ng		0.00
7) Phenol-d6	7.27	99	79748	45.21	ng		0.00
23) Nitrobenzene-d5	9.29	82	164501	97.44	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	132244	144.62	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	477959	90.01	ng		0.00
78) Terphenyl-d14	20.08	244	729536	93.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	8485	15.77	ng	#	62
3) Pyridine	3.92	79	19014	13.08	ng		94
4) n-Nitrosodimethylamine	3.84	42	6150	18.92	ng	#	80
6) Aniline	7.44	93	51506	22.98	ng	#	83
8) 2-Chlorophenol	7.68	128	66535	42.91	ng	#	78
9) Benzaldehyde	7.26	77	3585	3.69	ng	#	73
10) Phenol	7.30	94	28087	15.44	ng		85
11) bis(2-Chloroethyl)ether	7.53	93	69670	48.05	ng	#	73
12) 1,3-Dichlorobenzene	8.00	146	69482	41.80	ng	#	89
13) 1,4-Dichlorobenzene	8.15	146	70729	42.71	ng		94
14) 1,2-Dichlorobenzene	8.47	146	72127	43.20	ng		94
15) Benzyl Alcohol	8.35	79	32546	28.56	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	73586	48.91	ng		81
17) 2-Methylphenol	8.56	107	48528	35.76	ng	#	87
18) Hexachloroethane	9.20	117	24984	41.31	ng	#	70
19) n-Nitroso-di-n-propylamine	8.92	70	58325	48.84	ng	#	68
20) 3+4-Methylphenols	8.90	107	57646	29.61	ng		98
22) Acetophenone	8.94	105	119371	47.06	ng	#	81
24) Nitrobenzene	9.33	77	82730	48.73	ng	#	78
25) Isophorone	9.85	82	180079	45.59	ng	#	93
26) 2-Nitrophenol	10.05	139	39933	43.38	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	77968	46.79	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	109686	48.47	ng		95
29) 2,4-Dichlorophenol	10.59	162	75719	49.05	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	77149	44.73	ng		96
31) Naphthalene	10.99	128	271703	46.25	ng	#	95
32) Benzoic acid	10.22	122	2830	12.78	ng	#	78
33) 4-Chloroaniline	11.10	127	63814	26.12	ng	#	89
34) Hexachlorobutadiene	11.26	225	39626	42.79	ng		96
35) Caprolactam	11.89	113	5064	5.98	ng	#	48
36) 4-Chloro-3-methylphenol	12.21	107	83444	45.61	ng		86
37) 2-Methylnaphthalene	12.59	142	208170	48.00	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	92296	44.31	ng		98
40) Hexachlorocyclopentadiene	12.92	237	70776	67.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	65922	47.17	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	75474	48.88	ng		94
45) 1,1'-Biphenyl	13.58	154	281141	46.16	ng		94
46) 2-Chloronaphthalene	13.63	162	222145	47.58	ng		96
47) 2-Nitroaniline	13.84	65	52197	46.89	ng	#	51
48) Acenaphthylene	14.47	152	389280	47.52	ng		97
49) Dimethylphthalate	14.20	163	315936	47.09	ng		100
50) 2,6-Dinitrotoluene	14.32	165	71135	48.77	ng	#	77
51) Acenaphthene	14.81	154	230471	46.96	ng		96
52) 3-Nitroaniline	14.66	138	50223	31.04	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	52306	86.75	ng	#	69
54) Dibenzofuran	15.14	168	369391	48.23	ng		98
55) 4-Nitrophenol	14.98	139	34441	30.85	ng	#	69
56) 2,4-Dinitrotoluene	15.11	165	100812	51.53	ng	#	82
57) Fluorene	15.79	166	319890	48.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	64872	46.85	ng		96
59) Diethylphthalate	15.55	149	339525	47.37	ng		100
60) 4-Chlorophenyl-phenylether	15.78	204	143484	48.03	ng		96
61) 4-Nitroaniline	15.82	138	73075	42.59	ng	#	77
62) Azobenzene	16.07	77	271751	50.07	ng		87
64) 4,6-Dinitro-2-methylphenol	15.88	198	42372	43.80	ng		85
65) n-Nitrosodiphenylamine	15.99	169	275319	49.48	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	90494	50.00	ng		97
67) Hexachlorobenzene	16.79	284	100455	47.62	ng		96
68) Atrazine	16.93	200	94020	45.64	ng		98
69) Pentachlorophenol	17.14	266	90898	93.77	ng		98
70) Phenanthrene	17.53	178	509208	48.53	ng		99
71) Anthracene	17.63	178	505585	48.59	ng		97
72) Carbazole	17.90	167	472003	47.90	ng		98
73) Di-n-butylphthalate	18.43	149	621817	48.26	ng		98
74) Fluoranthene	19.54	202	577139	47.85	ng		97
76) Benzidine	19.72	184	86588	17.81	ng		97
77) Pyrene	19.89	202	575467	49.80	ng		100
79) Butylbenzylphthalate	20.76	149	258694	48.27	ng		89
80) Benzo(a)anthracene	21.75	228	511277	49.05	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	103542	35.38	ng	#	99
82) Chrysene	21.82	228	496313	48.93	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	391380	49.66	ng		96
84) Di-n-octyl phthalate	22.85	149	654236	50.00	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.84	276	584690	51.38	ng	#	87
87) Benzo(b)fluoranthene	24.01	252	530625	50.96	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	494122	48.20	ng	#	97
89) Benzo(a)pyrene	24.91	252	486978	48.91	ng	#	95
90) Dibenzo(a,h)anthracene	28.89	278	476410	50.81	ng	#	92
91) Benzo(g,h,i)perylene	30.02	276	489102	50.13	ng	#	93

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

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