Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022477.D
Acq On : 21 Jun 2016 22:14
Operator : UM/SJ
Sample : PB91508BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91508BS

Quant Time: Jun 22 13:50:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 02:15:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	20013	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	112623	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	68986	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	152902	20.00	ng		0.00
75) Chrysene-d12	21.64	240	131380	20.00	ng		0.00
86) Perylene-d12	24.84	264	115997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	169569	163.82	ng		0.00
7) Phenol-d6	7.17	99	268682	165.09	ng		0.00
23) Nitrobenzene-d5	9.16	82	141294	87.47	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	78329	100.49	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	384151	84.86	ng		0.00
78) Terphenyl-d14	19.98	244	501122	90.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	15483	31.20	ng	#	68
3) Pyridine	3.75	79	47039	35.07	ng		98
4) n-Nitrosodimethylamine	3.66	42	12998	43.34	ng		94
6) Aniline	7.31	93	62491m	30.22	ng		
8) 2-Chlorophenol	7.55	128	71290	49.83	ng	#	82
10) Phenol	7.19	94	89482	53.33	ng		82
11) bis(2-Chloroethyl)ether	7.40	93	58805	43.96	ng	#	71
12) 1,3-Dichlorobenzene	7.86	146	61931	40.38	ng	#	92
13) 1,4-Dichlorobenzene	8.02	146	62774	41.08	ng		93
14) 1,2-Dichlorobenzene	8.33	146	61989	40.25	ng		98
15) Benzyl Alcohol	8.23	79	48003	45.65	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.52	45	66762	48.10	ng		82
17) 2-Methylphenol	8.46	107	64913	51.84	ng	#	86
18) Hexachloroethane	9.06	117	24455	43.83	ng	#	81
19) n-Nitroso-di-n-propylamine	8.79	70	51079	46.37	ng	#	70
20) 3+4-Methylphenols	8.79	107	89843	50.02	ng		97
22) Acetophenone	8.82	105	99903	41.16	ng	#	82
24) Nitrobenzene	9.20	77	71156	43.80	ng	#	85
25) Isophorone	9.72	82	153719	40.67	ng		94
26) 2-Nitrophenol	9.92	139	39256	44.56	ng	#	75
27) 2,4-Dimethylphenol	9.99	122	73539	46.12	ng		92
28) bis(2-Chloroethoxy)methane	10.20	93	97040	44.82	ng		94
29) 2,4-Dichlorophenol	10.47	162	66106	44.76	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	63455	38.45	ng		92
31) Naphthalene	10.85	128	233469	41.53	ng		96
32) Benzoic acid	10.16	122	26274	47.97	ng	#	85
33) 4-Chloroaniline	10.98	127	22843	9.77	ng	#	90
34) Hexachlorobutadiene	11.13	225	31052	35.05	ng		97
35) Caprolactam	11.76	113	31667m	39.08	ng		
36) 4-Chloro-3-methylphenol	12.12	107	83516	47.70	ng		87
37) 2-Methylnaphthalene	12.46	142	167607	40.39	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	67103	37.79	ng		97
40) Hexachlorocyclopentadiene	12.79	237	26128	32.15	ng		98
42) 2,4,6-Trichlorophenol	13.08	196	49706	41.72	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	52116	39.60	ng		98
45) 1,1'-Biphenyl	13.46	154	227252	43.77	ng		95
46) 2-Chloronaphthalene	13.51	162	174203	43.77	ng		97
47) 2-Nitroaniline	13.73	65	43091	45.41	ng	#	51
48) Acenaphthylene	14.36	152	304437	43.60	ng		96
49) Dimethylphthalate	14.09	163	236553	41.36	ng		99
50) 2,6-Dinitrotoluene	14.22	165	53006	42.63	ng	#	82
51) Acenaphthene	14.70	154	179479	42.90	ng		95
52) 3-Nitroaniline	14.56	138	23575	17.09	ng	#	88
53) 2,4-Dinitrophenol	14.78	184	34768	70.05	ng	#	77
54) Dibenzofuran	15.03	168	280761	43.00	ng		98
55) 4-Nitrophenol	14.91	139	58261	61.21	ng	#	75
56) 2,4-Dinitrotoluene	15.01	165	73907	44.31	ng	#	90
57) Fluorene	15.68	166	236717	42.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	40433	34.25	ng		90
59) Diethylphthalate	15.44	149	258306	42.28	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	103186	40.51	ng		97
61) 4-Nitroaniline	15.73	138	49010m	33.51	ng		
62) Azobenzene	15.96	77	217034	46.90	ng		88
64) 4,6-Dinitro-2-methylphenol	15.78	198	30238	40.03	ng		86
65) n-Nitrosodiphenylamine	15.88	169	202000	45.86	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	58415	40.77	ng		98
67) Hexachlorobenzene	16.68	284	61899	37.07	ng		97
68) Atrazine	16.83	200	63645	39.04	ng		96
69) Pentachlorophenol	17.04	266	32651	46.25	ng		97
70) Phenanthrene	17.42	178	358613	43.18	ng		98
71) Anthracene	17.51	178	361908	43.94	ng		97
72) Carbazole	17.79	167	334007	42.82	ng		98
73) Di-n-butylphthalate	18.32	149	466182	45.71	ng		98
74) Fluoranthene	19.43	202	397768	41.66	ng		94
76) Benzidine	19.62	184	107215	31.21	ng		97
77) Pyrene	19.79	202	391844	47.98	ng		99
79) Butylbenzylphthalate	20.66	149	208602	55.07	ng	#	90
80) Benzo(a)anthracene	21.62	228	332765	45.17	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	51919	25.10	ng	#	98
82) Chrysene	21.68	228	315947	44.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	295259	53.01	ng	#	94
84) Di-n-octyl phthalate	22.69	149	492790	53.28	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	334166	41.55	ng	#	84
87) Benzo(b)fluoranthene	23.82	252	308706	45.63	ng	#	94
88) Benzo(k)fluoranthene	23.89	252	309881	46.53	ng	#	94
89) Benzo(a)pyrene	24.69	252	298214	46.10	ng	#	92
90) Dibenzo(a,h)anthracene	28.55	278	267112	43.85	ng	#	87
91) Benzo(g,h,i)perylene	29.65	276	274607	43.32	ng	#	88

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

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