Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022343.D
Acq On : 14 Jun 2016 20:25
Operator : UM/SJ
Sample : PB91291BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91291BS

Quant Time: Jun 15 11:05:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	21965	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	118290	20.00	ng		-0.02
38) Acenaphthene-d10	14.71	164	75791	20.00	ng		-0.02
63) Phenanthrene-d10	17.46	188	187781	20.00	ng		-0.01
75) Chrysene-d12	21.73	240	164565	20.00	ng		-0.01
86) Perylene-d12	25.00	264	153011	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	161405	142.08	ng		-0.02
7) Phenol-d6	7.23	99	250025	139.98	ng		-0.02
23) Nitrobenzene-d5	9.24	82	127748	75.29	ng		-0.02
41) 2,4,6-Tribromophenol	16.20	330	93814	109.54	ng		-0.02
44) 2-Fluorobiphenyl	13.33	172	348406	70.05	ng		-0.01
78) Terphenyl-d14	20.05	244	530855	76.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	14915	27.38	ng	#	71
3) Pyridine	3.86	79	47554	32.30	ng		98
4) n-Nitrosodimethylamine	3.77	42	13562	41.20	ng		81
6) Aniline	7.39	93	48979	21.58	ng	#	84
8) 2-Chlorophenol	7.63	128	68376	43.55	ng		82
9) Benzaldehyde	7.22	77	2528m	2.57	ng		
10) Phenol	7.26	94	86183	46.80	ng		83
11) bis(2-Chloroethyl)ether	7.49	93	57474	39.14	ng	#	74
12) 1,3-Dichlorobenzene	7.96	146	59108	35.12	ng	#	94
13) 1,4-Dichlorobenzene	8.11	146	61550	36.70	ng		96
14) 1,2-Dichlorobenzene	8.43	146	59423	35.15	ng		96
15) Benzyl Alcohol	8.32	79	48358	41.90	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.60	45	61234	40.20	ng		85
17) 2-Methylphenol	8.53	107	60815	44.25	ng	#	84
18) Hexachloroethane	9.16	117	22648	36.99	ng	#	84
19) n-Nitroso-di-n-propylamine	8.87	70	47061	38.92	ng	#	72
20) 3+4-Methylphenols	8.85	107	85254	43.25	ng		97
22) Acetophenone	8.90	105	91068	35.73	ng	#	85
24) Nitrobenzene	9.29	77	65622	38.46	ng	#	86
25) Isophorone	9.81	82	140877	35.49	ng		94
26) 2-Nitrophenol	10.01	139	36902	39.88	ng	#	79
27) 2,4-Dimethylphenol	10.06	122	73252	43.74	ng		86
28) bis(2-Chloroethoxy)methane	10.29	93	84249	37.05	ng		94
29) 2,4-Dichlorophenol	10.55	162	67300	43.38	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	59950	34.58	ng		97
31) Naphthalene	10.94	128	208407	35.30	ng	#	96
32) Benzoic acid	10.20	122	22359	41.72	ng	#	89
33) 4-Chloroaniline	11.06	127	32352	13.18	ng	#	87
34) Hexachlorobutadiene	11.21	225	29438	31.63	ng		97
35) Caprolactam	11.83	113	31792m	37.36	ng		
36) 4-Chloro-3-methylphenol	12.18	107	81569	44.36	ng		85
37) 2-Methylnaphthalene	12.55	142	154665	35.48	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	65721	33.69	ng		99
40) Hexachlorocyclopentadiene	12.88	237	37985	40.88	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	52286	39.95	ng		98
43) 2,4,5-Trichlorophenol	13.23	196	56853	39.32	ng		95
45) 1,1'-Biphenyl	13.54	154	206729	36.24	ng		95
46) 2-Chloronaphthalene	13.59	162	159984	36.59	ng		96
47) 2-Nitroaniline	13.80	65	44662	42.84	ng	#	57
48) Acenaphthylene	14.44	152	284673	37.11	ng		97
49) Dimethylphthalate	14.16	163	226140	35.99	ng		99
50) 2,6-Dinitrotoluene	14.29	165	52105	38.14	ng	#	80
51) Acenaphthene	14.77	154	167153	36.37	ng		96
52) 3-Nitroaniline	14.63	138	26122	17.24	ng	#	84
53) 2,4-Dinitrophenol	14.84	184	37666	69.22	ng	#	76
54) Dibenzofuran	15.11	168	264928	36.94	ng		99
55) 4-Nitrophenol	14.95	139	76242	72.91	ng	#	79
56) 2,4-Dinitrotoluene	15.08	165	73176	39.93	ng	#	84
57) Fluorene	15.75	166	226950	36.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	47820	36.87	ng		94
59) Diethylphthalate	15.51	149	244314	36.40	ng		98
60) 4-Chlorophenyl-phenylether	15.74	204	99390	35.52	ng		97
61) 4-Nitroaniline	15.79	138	56141	34.93	ng	#	78
62) Azobenzene	16.04	77	207764	40.87	ng		88
64) 4,6-Dinitro-2-methylphenol	15.85	198	35588	38.59	ng		84
65) n-Nitrosodiphenylamine	15.96	169	199768	36.93	ng		99
66) 4-Bromophenyl-phenylether	16.63	248	61134	34.74	ng		97
67) Hexachlorobenzene	16.76	284	66409	32.38	ng		98
68) Atrazine	16.90	200	70526	35.22	ng		98
69) Pentachlorophenol	17.11	266	55468	61.39	ng		97
70) Phenanthrene	17.50	178	363548	35.65	ng		100
71) Anthracene	17.59	178	361994	35.79	ng		98
72) Carbazole	17.86	167	345852	36.10	ng		97
73) Di-n-butylphthalate	18.40	149	464456	37.08	ng		99
74) Fluoranthene	19.50	202	412876	35.21	ng		97
76) Benzidine	19.68	184	115889	26.93	ng		99
77) Pyrene	19.87	202	410555	40.13	ng		99
79) Butylbenzylphthalate	20.73	149	203660	42.92	ng		93
80) Benzo(a)anthracene	21.71	228	345265	37.42	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	55376	21.38	ng	#	98
82) Chrysene	21.78	228	331160	36.88	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	286161	41.01	ng		97
84) Di-n-octyl phthalate	22.80	149	476306	41.11	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.74	276	352342	34.98	ng	#	85
87) Benzo(b)fluoranthene	23.96	252	333367	37.36	ng	#	97
88) Benzo(k)fluoranthene	24.03	252	307859	35.04	ng	#	96
89) Benzo(a)pyrene	24.84	252	314043	36.80	ng	#	95
90) Dibenzo(a,h)anthracene	28.80	278	289106	35.98	ng	#	93
91) Benzo(g,h,i)perylene	29.91	276	294116	35.18	ng	#	93

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

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