Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022336.D
Acq On : 14 Jun 2016 15:46
Operator : UM/SJ
Sample : PB91324BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91324BS

Quant Time: Jun 15 10:58:45 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	25908	20.00	ng		-0.02
21) Naphthalene-d8	10.89	136	139470	20.00	ng		-0.01
38) Acenaphthene-d10	14.71	164	87511	20.00	ng		-0.01
63) Phenanthrene-d10	17.46	188	202943	20.00	ng		-0.01
75) Chrysene-d12	21.73	240	171148	20.00	ng		-0.01
86) Perylene-d12	25.00	264	153971	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	161628	120.62	ng		-0.02
7) Phenol-d6	7.24	99	250416	118.86	ng		-0.01
23) Nitrobenzene-d5	9.24	82	133017	66.49	ng		-0.02
41) 2,4,6-Tribromophenol	16.20	330	89597	90.61	ng		-0.01
44) 2-Fluorobiphenyl	13.33	172	353862	61.62	ng		-0.01
78) Terphenyl-d14	20.05	244	495002	68.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	15389	23.95	ng	#	66
3) Pyridine	3.86	79	46108	26.56	ng		97
4) n-Nitrosodimethylamine	3.78	42	15180	39.10	ng		77
6) Aniline	7.39	93	57990	21.67	ng	#	85
8) 2-Chlorophenol	7.64	128	68592	37.03	ng	#	81
9) Benzaldehyde	7.22	77	3221m	2.78	ng		
10) Phenol	7.26	94	88430	40.71	ng		86
11) bis(2-Chloroethyl)ether	7.49	93	58673	33.88	ng	#	79
12) 1,3-Dichlorobenzene	7.96	146	61949	31.20	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	63347	32.03	ng		93
14) 1,2-Dichlorobenzene	8.43	146	61792	30.99	ng		98
15) Benzyl Alcohol	8.31	79	51227	37.63	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.60	45	66602	37.07	ng		85
17) 2-Methylphenol	8.53	107	63062	38.91	ng	#	87
18) Hexachloroethane	9.15	117	23621	32.70	ng	#	80
19) n-Nitroso-di-n-propylamine	8.87	70	48938	34.31	ng	#	71
20) 3+4-Methylphenols	8.85	107	87318	37.56	ng		97
22) Acetophenone	8.90	105	94602	31.48	ng	#	84
24) Nitrobenzene	9.29	77	69424	34.51	ng	#	87
25) Isophorone	9.81	82	149430	31.93	ng		95
26) 2-Nitrophenol	10.00	139	39621	36.32	ng	#	78
27) 2,4-Dimethylphenol	10.06	122	73510	37.23	ng		93
28) bis(2-Chloroethoxy)methane	10.29	93	89529	33.39	ng		95
29) 2,4-Dichlorophenol	10.55	162	69323	37.90	ng		99
30) 1,2,4-Trichlorobenzene	10.75	180	63020	30.83	ng		90
31) Naphthalene	10.95	128	215959	31.02	ng	#	96
32) Benzoic acid	10.19	122	16089	30.17	ng		86
33) 4-Chloroaniline	11.06	127	50014	17.28	ng	#	87
34) Hexachlorobutadiene	11.22	225	32183	29.33	ng		95
35) Caprolactam	11.83	113	32474	32.36	ng	#	50
36) 4-Chloro-3-methylphenol	12.18	107	80911	37.32	ng	#	86
37) 2-Methylnaphthalene	12.54	142	162335	31.59	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	68486	30.40	ng		99
40) Hexachlorocyclopentadiene	12.88	237	41415	38.88	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	53712	35.54	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	57766	34.60	ng		95
45) 1,1'-Biphenyl	13.54	154	212515	32.27	ng		94
46) 2-Chloronaphthalene	13.59	162	163276	32.34	ng		97
47) 2-Nitroaniline	13.80	65	43669	36.28	ng	#	64
48) Acenaphthylene	14.44	152	282954	31.94	ng		98
49) Dimethylphthalate	14.16	163	223729	30.83	ng		100
50) 2,6-Dinitrotoluene	14.29	165	51822	32.85	ng	#	81
51) Acenaphthene	14.78	154	166267	31.33	ng		97
52) 3-Nitroaniline	14.62	138	34803	19.89	ng	#	78
53) 2,4-Dinitrophenol	14.85	184	23348	42.22	ng	#	78
54) Dibenzofuran	15.11	168	259209	31.30	ng		99
55) 4-Nitrophenol	14.95	139	76635	63.47	ng	#	73
56) 2,4-Dinitrotoluene	15.08	165	72146	34.10	ng	#	85
57) Fluorene	15.76	166	223498	31.33	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.34	232	50375	33.64	ng		97
59) Diethylphthalate	15.51	149	242150	31.24	ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	101062	31.28	ng		96
61) 4-Nitroaniline	15.79	138	57781	31.14	ng	#	81
62) Azobenzene	16.03	77	202463	34.49	ng		89
64) 4,6-Dinitro-2-methylphenol	15.85	198	28520	30.03	ng		87
65) n-Nitrosodiphenylamine	15.96	169	192668	32.96	ng		97
66) 4-Bromophenyl-phenylether	16.64	248	60085	31.60	ng		96
67) Hexachlorobenzene	16.76	284	65030	29.34	ng		98
68) Atrazine	16.90	200	68533	31.67	ng		97
69) Pentachlorophenol	17.12	266	45753	48.46	ng		98
70) Phenanthrene	17.50	178	350936	31.84	ng		99
71) Anthracene	17.59	178	349649	31.98	ng		98
72) Carbazole	17.86	167	333880	32.25	ng		98
73) Di-n-butylphthalate	18.40	149	451066	33.32	ng		99
74) Fluoranthene	19.51	202	388419	30.65	ng		98
76) Benzidine	19.68	184	113860	25.44	ng		99
77) Pyrene	19.87	202	387025	36.37	ng		100
79) Butylbenzylphthalate	20.73	149	189806	38.47	ng	#	92
80) Benzo(a)anthracene	21.71	228	319645	33.31	ng		100
81) 3,3'-Dichlorobenzidine	21.62	252	58412	21.68	ng		96
82) Chrysene	21.77	228	302542	32.40	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	265942	36.65	ng		96
84) Di-n-octyl phthalate	22.80	149	440654	36.57	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.75	276	325811	31.10	ng	#	86
87) Benzo(b)fluoranthene	23.96	252	297957	33.18	ng	#	96
88) Benzo(k)fluoranthene	24.03	252	293441	33.19	ng	#	96
89) Benzo(a)pyrene	24.84	252	282889	32.95	ng	#	96
90) Dibenzo(a,h)anthracene	28.80	278	269205	33.29	ng	#	92
91) Benzo(g,h,i)perylene	29.93	276	271542	32.27	ng	#	95

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

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