Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
Data File : BG022211.D
Acq On : 7 Jun 2016 19:27
Operator : UM/SJ
Sample : PB91119BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91119BSD

Quant Time: Jun 08 03:23:31 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	25785	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	127029	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	81901	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	195459	20.00	ng		0.00
75) Chrysene-d12	21.77	240	184624	20.00	ng		0.00
86) Perylene-d12	25.06	264	176622	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	198424	148.79	ng		0.00
7) Phenol-d6	7.28	99	299661	142.91	ng		0.00
23) Nitrobenzene-d5	9.29	82	152567	83.73	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	125644	135.77	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	444344	82.68	ng		0.00
78) Terphenyl-d14	20.08	244	674064	86.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	18688	29.22	ng	#	82
3) Pyridine	3.92	79	55048	31.86	ng		97
4) n-Nitrosodimethylamine	3.84	42	15378	39.80	ng		90
6) Aniline	7.44	93	72833	27.34	ng	#	81
8) 2-Chlorophenol	7.68	128	82322	44.66	ng	#	79
9) Benzaldehyde	7.27	77	3675m	3.18	ng		
10) Phenol	7.30	94	99364	45.96	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	67585	39.21	ng	#	74
12) 1,3-Dichlorobenzene	8.00	146	72953	36.92	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	75458	38.33	ng		92
14) 1,2-Dichlorobenzene	8.47	146	74426	37.50	ng		96
15) Benzyl Alcohol	8.35	79	52340	38.63	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	67937	37.99	ng		82
17) 2-Methylphenol	8.57	107	69378	43.01	ng	#	86
18) Hexachloroethane	9.20	117	26930	37.46	ng		84
19) n-Nitroso-di-n-propylamine	8.92	70	53184	37.47	ng	#	67
20) 3+4-Methylphenols	8.90	107	98058	42.38	ng		97
22) Acetophenone	8.95	105	109138	39.87	ng	#	81
24) Nitrobenzene	9.33	77	77093	42.08	ng	#	81
25) Isophorone	9.85	82	164455	38.58	ng	#	93
26) 2-Nitrophenol	10.05	139	41798	42.07	ng	#	72
27) 2,4-Dimethylphenol	10.10	122	84746	47.13	ng		85
28) bis(2-Chloroethoxy)methane	10.33	93	100287	41.06	ng		92
29) 2,4-Dichlorophenol	10.59	162	79294	47.60	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	74968	40.27	ng		95
31) Naphthalene	10.99	128	255941	40.37	ng	#	95
32) Benzoic acid	10.23	122	25622	43.55	ng	#	76
33) 4-Chloroaniline	11.10	127	49383	18.73	ng	#	86
34) Hexachlorobutadiene	11.26	225	39264	39.29	ng		95
35) Caprolactam	11.87	113	37033m	40.52	ng		
36) 4-Chloro-3-methylphenol	12.21	107	91450	46.31	ng	#	85
37) 2-Methylnaphthalene	12.59	142	189583	40.50	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	83521	39.62	ng		99
40) Hexachlorocyclopentadiene	12.92	237	79245	74.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	63516	44.91	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	71759	45.92	ng	#	92
45) 1,1'-Biphenyl	13.58	154	256991	41.69	ng		96
46) 2-Chloronaphthalene	13.63	162	201298	42.60	ng		95
47) 2-Nitroaniline	13.84	65	48985	43.48	ng	#	56
48) Acenaphthylene	14.47	152	350427	42.27	ng		96
49) Dimethylphthalate	14.19	163	277831	40.91	ng		98
50) 2,6-Dinitrotoluene	14.32	165	63621	43.10	ng	#	75
51) Acenaphthene	14.81	154	207047	41.69	ng		97
52) 3-Nitroaniline	14.66	138	40524	24.75	ng	#	77
53) 2,4-Dinitrophenol	14.87	184	51733	85.02	ng	#	73
54) Dibenzofuran	15.15	168	329879	42.56	ng		96
55) 4-Nitrophenol	14.98	139	105844	93.67	ng	#	72
56) 2,4-Dinitrotoluene	15.11	165	89497	45.20	ng	#	81
57) Fluorene	15.79	166	286561	42.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	58864	42.00	ng		93
59) Diethylphthalate	15.55	149	300588	41.44	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	131557	43.51	ng		93
61) 4-Nitroaniline	15.82	138	69785	40.19	ng	#	77
62) Azobenzene	16.07	77	242874	44.21	ng		87
64) 4,6-Dinitro-2-methylphenol	15.88	198	41219	42.32	ng	#	77
65) n-Nitrosodiphenylamine	15.99	169	244587	43.44	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	78321	42.76	ng		94
67) Hexachlorobenzene	16.80	284	89016	41.70	ng		92
68) Atrazine	16.94	200	82881	39.77	ng		98
69) Pentachlorophenol	17.14	266	82098	84.43	ng		99
70) Phenanthrene	17.54	178	449235	42.32	ng		99
71) Anthracene	17.63	178	447771	42.53	ng		97
72) Carbazole	17.90	167	421871	42.31	ng		99
73) Di-n-butylphthalate	18.43	149	544014	41.73	ng		98
74) Fluoranthene	19.54	202	511475	41.91	ng		98
76) Benzidine	19.72	184	142877	29.59	ng		97
77) Pyrene	19.90	202	500882	43.64	ng		99
79) Butylbenzylphthalate	20.76	149	228037	42.84	ng		92
80) Benzo(a)anthracene	21.74	228	444203	42.91	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	79231	27.26	ng	#	96
82) Chrysene	21.82	228	427537	42.44	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	339340	43.35	ng		98
84) Di-n-octyl phthalate	22.86	149	573565	44.13	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.84	276	496912	43.97	ng	#	88
87) Benzo(b)fluoranthene	24.01	252	451229	43.80	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	432274	42.63	ng	#	96
89) Benzo(a)pyrene	24.91	252	423244	42.97	ng		96
90) Dibenzo(a,h)anthracene	28.90	278	405574	43.72	ng	#	95
91) Benzo(g,h,i)perylene	30.02	276	417609	43.27	ng	#	95

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

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