Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023031.D
Acq On : 12 Jul 2016 11:25
Operator : UM/SJ
Sample : H3936-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(5-6)

Quant Time: Jul 12 15:43:36 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	1150	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	264	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	344	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	878	20.00	ng		0.00
75) Chrysene-d12	21.85	240	401	20.00	ng		0.00
86) Perylene-d12	25.21	264	163	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	921788	13109.49	ng		0.00
7) Phenol-d6	7.31	99	1489668	13526.53	ng		0.00
23) Nitrobenzene-d5	9.34	82	1086284	176189.11	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	812226	131374.82	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	2049452	93841.91	ng		0.00
78) Terphenyl-d14	20.16	244	2650793	-20.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	301	11.01	ng	#	1
4) n-Nitrosodimethylamine	3.89	42	610	15.20	ng	#	1
6) Aniline	7.48	93	308	2.02	ng	#	37
8) 2-Chlorophenol	7.72	128	286	3.82	ng	#	1
9) Benzaldehyde	7.28	77	373	5.07	ng	#	23
10) Phenol	7.34	94	10136	89.45	ng	#	1
15) Benzyl Alcohol	8.40	79	1390	13.78	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.43	45	1058	9.64	ng		78
22) Acetophenone	9.03	105	154	19.44	ng	#	49
24) Nitrobenzene	9.41	77	165	25.19	ng	#	1
25) Isophorone	9.89	82	119	9.60	ng	#	69
26) 2-Nitrophenol	10.08	139	115	44.74	ng	#	39
27) 2,4-Dimethylphenol	10.16	122	86	19.35	ng	#	4
28) bis(2-Chloroethoxy)methane	10.38	93	93	13.45	ng	#	50
29) 2,4-Dichlorophenol	10.81	162	215	45.36	ng	#	25
30) 1,2,4-Trichlorobenzene	10.86	180	55	10.13	ng	#	14
31) Naphthalene	11.03	128	65	4.84	ng	#	67
32) Benzoic acid	10.28	122	241	59.61	ng	#	16
33) 4-Chloroaniline	11.15	127	68	10.35	ng	#	38
34) Hexachlorobutadiene	11.32	225	59	13.40	ng	#	1
35) Caprolactam	11.91	113	126	64.62	ng	#	1
36) 4-Chloro-3-methylphenol	12.26	107	60	9.26	ng	#	1
37) 2-Methylnaphthalene	12.64	142	59	5.55	ng	#	13
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	65	4.38	ng	#	67
42) 2,4,6-Trichlorophenol	13.27	196	164	19.25	ng	#	11
43) 2,4,5-Trichlorophenol	13.33	196	85	9.71	ng	#	12
45) 1,1'-Biphenyl	13.63	154	426	16.50	ng	#	43
46) 2-Chloronaphthalene	13.69	162	268	12.80	ng	#	63
47) 2-Nitroaniline	13.91	65	330	36.94	ng	#	16
48) Acenaphthylene	14.53	152	83	2.64	ng	#	58
49) Dimethylphthalate	14.25	163	777772	27678.63	ng		99
50) 2,6-Dinitrotoluene	14.32	165	1292	204.59	ng	#	20
51) Acenaphthene	14.87	154	53	2.58	ng	#	2
52) 3-Nitroaniline	14.64	138	99	15.72	ng	#	1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 2,4-Dinitrophenol	14.92	184	92	21.23	ng	#	10
54) Dibenzofuran	15.21	168	515	16.76	ng	#	62
55) 4-Nitrophenol	14.96	139	60	11.37	ng	#	1
56) 2,4-Dinitrotoluene	15.16	165	172	18.68	ng	#	9
57) Fluorene	15.86	166	199	7.53	ng	#	1
58) 2,3,4,6-Tetrachlorophenol	15.43	232	110	12.57	ng	#	34
59) Diethylphthalate	15.60	149	2670	93.38	ng	#	66
60) 4-Chlorophenyl-phenylether	15.86	204	63	3.91	ng	#	26
61) 4-Nitroaniline	15.88	138	71	10.42	ng	#	1
62) Azobenzene	16.14	77	854	31.23	ng	#	43
64) 4,6-Dinitro-2-methylphenol	15.96	198	62	9.50	ng	#	1
65) n-Nitrosodiphenylamine	16.30	169	31429	1242.46	ng	#	43
66) 4-Bromophenyl-phenylether	16.75	248	59	5.16	ng	#	4
67) Hexachlorobenzene	16.78	284	86	6.92	ng	#	1
68) Atrazine	17.00	200	130	11.59	ng	#	36
69) Pentachlorophenol	17.24	266	65	8.08	ng	#	18
70) Phenanthrene	17.61	178	1304	30.31	ng	#	23
71) Anthracene	17.68	178	206	4.73	ng	#	45
72) Carbazole	17.96	167	151	4.01	ng	#	53
73) Di-n-butylphthalate	18.51	149	16832	402.02	ng	#	87
74) Fluoranthene	19.61	202	1322	25.04	ng	#	55
76) Benzidine	19.79	184	78	6.78	ng	#	14
77) Pyrene	19.97	202	1227	54.45	ng	#	74
79) Butylbenzylphthalate	20.85	149	1134	127.05	ng	#	83
80) Benzo(a)anthracene	21.82	228	417	18.59	ng	#	46
81) 3,3'-Dichlorobenzidine	21.74	252	296	30.06	ng	#	24
82) Chrysene	21.89	228	367	17.44	ng	#	72
83) Bis(2-ethylhexyl)phthalate	21.73	149	33572	2708.75	ng	#	97
84) Di-n-octyl phthalate	22.97	149	907	43.88	ng	#	1
85) Indeno(1,2,3-cd)pyrene	29.02	276	171	6.37	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	193	20.52	ng	#	1
88) Benzo(k)fluoranthene	24.19	252	274	30.70	ng	#	1
89) Benzo(a)pyrene	25.04	252	276	30.62	ng	#	58
90) Dibenzo(a,h)anthracene	29.09	278	88	9.84	ng	#	1
91) Benzo(g,h,i)perylene	30.25	276	61	6.81	ng	#	59

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

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