Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024121.D
Acq On : 24 Sep 2016 12:39
Operator : UM/SJ
Sample : H4902-06MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1-092116MSD

Manual Integrations APPROVED
sohil
9/26/2016 6:40:59 PM

Quant Time: Sep 26 01:10:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50686	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	240504	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	199156	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	419093	20.00	ng		0.00
75) Chrysene-d12	21.79	240	416538	20.00	ng		0.00
86) Perylene-d12	25.13	264	412052	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	278145	95.07	ng		0.00
7) Phenol-d6	7.21	99	292496	59.42	ng		0.00
23) Nitrobenzene-d5	9.22	82	627863	102.89	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	416932	145.64	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1227902	103.64	ng		0.00
78) Terphenyl-d14	20.09	244	1767904	86.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	25878	23.11	ng		93
3) Pyridine	3.85	79	68207	17.24	ng		95
4) n-Nitrosodimethylamine	3.77	42	44994	22.43	ng	#	89
6) Aniline	7.36	93	184697	26.71	ng		95
8) 2-Chlorophenol	7.60	128	164220	46.89	ng		95
9) Benzaldehyde	7.17	77	169637	63.28	ng		94
10) Phenol	7.24	94	105164	20.32	ng		90
11) bis(2-Chloroethyl)ether	7.45	93	204524	50.11	ng		90
12) 1,3-Dichlorobenzene	7.93	146	171155	43.82	ng		99
13) 1,4-Dichlorobenzene	8.07	146	179161	44.95	ng		95
14) 1,2-Dichlorobenzene	8.40	146	175383	45.21	ng		90
15) Benzyl Alcohol	8.29	79	173058	36.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	274689	48.75	ng		95
17) 2-Methylphenol	8.50	107	144714	42.06	ng		94
18) Hexachloroethane	9.12	117	72112	42.94	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	239629	49.56	ng	#	96
20) 3+4-Methylphenols	8.84	107	186758	37.37	ng		94
22) Acetophenone	8.88	105	363901	52.45	ng	#	95
24) Nitrobenzene	9.26	77	344904	52.73	ng		93
25) Isophorone	9.78	82	623863	50.12	ng		97
26) 2-Nitrophenol	9.98	139	119273	51.41	ng		94
27) 2,4-Dimethylphenol	10.05	122	195300	50.34	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	332709	54.97	ng		97
29) 2,4-Dichlorophenol	10.53	162	223091	55.25	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	211805	49.01	ng		97
31) Naphthalene	10.92	128	628800	51.61	ng		98
32) Benzoic acid	10.20	122	41432	16.42	ng		94
33) 4-Chloroaniline	11.04	127	108033	19.87	ng	#	91
34) Hexachlorobutadiene	11.19	225	146929	43.18	ng		96
35) Caprolactam	11.84	113	17417m	10.60	ng		
36) 4-Chloro-3-methylphenol	12.18	107	272067	47.88	ng		97
37) 2-Methylnaphthalene	12.53	142	501263	53.73	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	297912	51.24	ng		99
40) Hexachlorocyclopentadiene	12.87	237	248802	86.91	ng		98

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	201212	53.51	ng		93
43) 2,4,5-Trichlorophenol	13.24	196	210853	54.49	ng		91
45) 1,1'-Biphenyl	13.54	154	702697	51.60	ng		98
46) 2-Chloronaphthalene	13.59	162	553054	54.39	ng		96
47) 2-Nitroaniline	13.81	65	259741	54.90	ng		100
48) Acenaphthylene	14.44	152	901508	52.22	ng		99
49) Dimethylphthalate	14.17	163	819849	53.66	ng		99
50) 2,6-Dinitrotoluene	14.30	165	179592	55.96	ng		94
51) Acenaphthene	14.78	154	570076	54.45	ng		96
52) 3-Nitroaniline	14.65	138	89243	27.84	ng	#	81
53) 2,4-Dinitrophenol	14.86	184	205492	85.41	ng		89
54) Dibenzofuran	15.12	168	923483	56.65	ng		98
55) 4-Nitrophenol	14.99	139	92476	39.25	ng		95
56) 2,4-Dinitrotoluene	15.10	165	259686	53.18	ng	#	86
57) Fluorene	15.77	166	756505	53.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	210233	56.26	ng		92
59) Diethylphthalate	15.53	149	853281	51.86	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	404194	53.17	ng		98
61) 4-Nitroaniline	15.81	138	137793	41.50	ng	#	79
62) Azobenzene	16.05	77	954758	57.11	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	155228	53.34	ng		88
65) n-Nitrosodiphenylamine	15.98	169	686318	59.86	ng		94
66) 4-Bromophenyl-phenylether	16.65	248	281106	57.83	ng		98
67) Hexachlorobenzene	16.78	284	292532	53.41	ng		98
68) Atrazine	16.93	200	280276	55.38	ng		96
69) Pentachlorophenol	17.14	266	262726	91.99	ng		96
70) Phenanthrene	17.52	178	1231763	57.70	ng		97
71) Anthracene	17.62	178	1248063	56.92	ng		100
72) Carbazole	17.90	167	1083829	53.10	ng		97
73) Di-n-butylphthalate	18.43	149	1330169	49.78	ng		98
74) Fluoranthene	19.54	202	1375880	49.37	ng		96
76) Benzidine	19.73	184	202817	17.20	ng		96
77) Pyrene	19.90	202	1376249	47.32	ng		95
79) Butylbenzylphthalate	20.77	149	587989	54.90	ng		97
80) Benzo(a)anthracene	21.77	228	1329871	56.08	ng		96
81) 3,3'-Dichlorobenzidine	21.68	252	229905	27.05	ng	#	98
82) Chrysene	21.84	228	1246678	55.93	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	831981	65.02	ng		96
84) Di-n-octyl phthalate	22.88	149	1407286	63.74	ng		100
85) Indeno(1,2,3-cd)pyrene	28.96	276	1561938	62.84	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1392212	58.08	ng	#	97
88) Benzo(k)fluoranthene	24.13	252	1312327	55.12	ng	#	98
89) Benzo(a)pyrene	24.97	252	1323028	57.09	ng	#	97
90) Dibenzo(a,h)anthracene	29.01	278	1298589	56.12	ng	#	96
91) Benzo(g,h,i)perylene	30.16	276	1292660	55.45	ng	#	94

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

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