Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023356.D
Acq On : 30 Jul 2016 14:05
Operator : UM/SJ
Sample : PB92565BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92565BS

Manual Integrations APPROVED
sohil
8/1/2016 7:12:13 PM

Quant Time: Aug 01 01:57:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	149287	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	682206	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	494637	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1118338	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1091825	20.00	ng		0.00
86) Perylene-d12	25.29	264	1115979	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	1267393	144.93	ng		0.00
7) Phenol-d6	7.29	99	1858431	138.42	ng		0.00
23) Nitrobenzene-d5	9.31	82	1215483	87.13	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	894417	174.70	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2447662	92.61	ng		0.00
78) Terphenyl-d14	20.18	244	2977139	88.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	137054	36.54	ng	#	87
3) Pyridine	3.94	79	466534	35.54	ng		93
4) n-Nitrosodimethylamine	3.85	42	211660	35.69	ng	#	78
6) Aniline	7.46	93	686826	38.30	ng		98
8) 2-Chlorophenol	7.70	128	489510	50.17	ng		99
9) Benzaldehyde	7.26	77	308050	31.94	ng		95
10) Phenol	7.32	94	719549	50.79	ng		81
11) bis(2-Chloroethyl)ether	7.54	93	502532	41.74	ng		88
12) 1,3-Dichlorobenzene	8.02	146	485408m	44.15	ng		
13) 1,4-Dichlorobenzene	8.17	146	493171	43.96	ng		95
14) 1,2-Dichlorobenzene	8.50	146	482177	44.56	ng		95
15) Benzyl Alcohol	8.38	79	542444	60.04	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	711598	37.14	ng		91
17) 2-Methylphenol	8.59	107	483566	49.94	ng	#	85
18) Hexachloroethane	9.23	117	187377	40.10	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	493347	40.85	ng		100
20) 3+4-Methylphenols	8.92	107	669254	50.83	ng		92
22) Acetophenone	8.97	105	710075	39.87	ng	#	91
24) Nitrobenzene	9.36	77	678760	41.90	ng	#	90
25) Isophorone	9.88	82	1398860	48.55	ng		95
26) 2-Nitrophenol	10.08	139	299084	48.88	ng	#	76
27) 2,4-Dimethylphenol	10.14	122	546278	52.97	ng	#	81
28) bis(2-Chloroethoxy)methane	10.36	93	759688	46.99	ng		99
29) 2,4-Dichlorophenol	10.62	162	562903	56.38	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	508574	46.09	ng		99
31) Naphthalene	11.02	128	1492920	47.10	ng		98
32) Benzoic acid	10.28	122	193513	27.26	ng	#	90
33) 4-Chloroaniline	11.15	127	108466	7.41	ng	#	89
34) Hexachlorobutadiene	11.30	225	314104	43.43	ng		98
35) Caprolactam	11.96	113	231402m	54.50	ng		
36) 4-Chloro-3-methylphenol	12.26	107	705036	53.75	ng		91
37) 2-Methylnaphthalene	12.63	142	1166336m	49.62	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	547221	34.17	ng		98
40) Hexachlorocyclopentadiene	12.97	237	792725	104.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	493714	52.49	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	533492	53.47	ng		91
45) 1,1'-Biphenyl	13.64	154	1432846	41.53	ng		93
46) 2-Chloronaphthalene	13.68	162	1260165	45.59	ng		97
47) 2-Nitroaniline	13.89	65	562831	48.13	ng		87
48) Acenaphthylene	14.53	152	1998883	47.23	ng		95
49) Dimethylphthalate	14.25	163	1764245	48.33	ng		96
50) 2,6-Dinitrotoluene	14.38	165	417428	48.83	ng	#	82
51) Acenaphthene	14.87	154	1291166	47.03	ng		99
52) 3-Nitroaniline	14.72	138	237623	27.60	ng	#	74
53) 2,4-Dinitrophenol	14.92	184	493720	98.65	ng		90
54) Dibenzofuran	15.21	168	1976376	50.88	ng		98
55) 4-Nitrophenol	15.04	139	694124	92.95	ng	#	80
56) 2,4-Dinitrotoluene	15.18	165	597620	49.65	ng		90
57) Fluorene	15.86	166	1652472	48.18	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	508760	60.23	ng		91
59) Diethylphthalate	15.62	149	1781236	47.64	ng		94
60) 4-Chlorophenyl-phenylether	15.85	204	867501	46.72	ng		99
61) 4-Nitroaniline	15.89	138	448598	49.69	ng	#	65
62) Azobenzene	16.14	77	1915666	49.42	ng		91
64) 4,6-Dinitro-2-methylphenol	15.94	198	369423	51.43	ng		93
65) n-Nitrosodiphenylamine	16.06	169	1556727	52.14	ng		94
66) 4-Bromophenyl-phenylether	16.74	248	608248	53.79	ng		96
67) Hexachlorobenzene	16.87	284	632453	55.63	ng		96
68) Atrazine	17.03	200	550746	48.09	ng		96
69) Pentachlorophenol	17.22	266	731086	104.19	ng		98
70) Phenanthrene	17.61	178	2494717	51.00	ng		94
71) Anthracene	17.71	178	2513783	50.86	ng		92
72) Carbazole	17.98	167	2296665	50.74	ng		96
73) Di-n-butylphthalate	18.52	149	2559646	50.68	ng		97
74) Fluoranthene	19.62	202	2531490	45.35	ng		91
76) Benzidine	19.81	184	996865	32.46	ng		98
77) Pyrene	19.99	202	2568860	41.46	ng		95
79) Butylbenzylphthalate	20.86	149	1322883	48.53	ng		97
80) Benzo(a)anthracene	21.87	228	2657686	46.49	ng		98
81) 3,3'-Dichlorobenzidine	21.78	252	616581	26.60	ng	#	97
82) Chrysene	21.94	228	2486036	45.01	ng		94
83) Bis(2-ethylhexyl)phthalate	21.75	149	2270753	59.53	ng		93
84) Di-n-octyl phthalate	23.02	149	2947570	47.24	ng		99
85) Indeno(1,2,3-cd)pyrene	29.19	276	3559703	55.26	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	2824764	47.65	ng	#	94
88) Benzo(k)fluoranthene	24.29	252	2728224	46.03	ng	#	94
89) Benzo(a)pyrene	25.14	252	2789120	48.01	ng	#	95
90) Dibenzo(a,h)anthracene	29.26	278	2933536	53.38	ng	#	89
91) Benzo(g,h,i)perylene	30.43	276	2967811	51.30	ng	#	90

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

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