Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024504.D
Acq On : 25 Oct 2016 19:30
Operator : UM/SJ
Sample : PB94296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94296BS

Manual Integrations APPROVED
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10/26/2016 4:51:11 PM

Quant Time: Oct 26 11:29:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	89293	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	363461	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	279018	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	699406	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1008669	20.00	ng		0.00
86) Perylene-d12	25.36	264	1088650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	463068	85.00	ng		0.00
7) Phenol-d6	7.41	99	646625	86.53	ng		0.00
23) Nitrobenzene-d5	9.45	82	681175	85.33	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	378747	90.86	ng		0.00
44) 2-Fluorobiphenyl	13.52	172	1450039	86.38	ng		0.00
78) Terphenyl-d14	20.21	244	2839092	84.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	81115	36.44	ng		97
3) Pyridine	4.07	79	248191	37.24	ng		94
4) n-Nitrosodimethylamine	3.99	42	143908	41.71	ng		97
6) Aniline	7.59	93	255759	27.01	ng		97
8) 2-Chlorophenol	7.83	128	249828	45.10	ng		96
9) Benzaldehyde	7.41	77	64335	13.93	ng		85
10) Phenol	7.43	94	360741	46.83	ng		95
11) bis(2-Chloroethyl)ether	7.68	93	246873	42.66	ng		92
12) 1,3-Dichlorobenzene	8.16	146	276655	40.34	ng		95
13) 1,4-Dichlorobenzene	8.31	146	288961	42.66	ng		96
14) 1,2-Dichlorobenzene	8.63	146	279241	42.88	ng		96
15) Benzyl Alcohol	8.50	79	297224	42.75	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.80	45	430531	40.09	ng		94
17) 2-Methylphenol	8.70	107	229430	44.95	ng		97
18) Hexachloroethane	9.36	117	111620	42.87	ng		95
19) n-Nitroso-di-n-propylamine	9.07	70	235960	42.84	ng		90
20) 3+4-Methylphenols	9.03	107	322219	47.01	ng		97
22) Acetophenone	9.10	105	397577	42.58	ng	#	92
24) Nitrobenzene	9.49	77	370206	41.69	ng		98
25) Isophorone	10.01	82	648055	43.64	ng		96
26) 2-Nitrophenol	10.20	139	136551	41.43	ng		90
27) 2,4-Dimethylphenol	10.24	122	269461	46.70	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	351777	45.79	ng		99
29) 2,4-Dichlorophenol	10.73	162	284716	47.01	ng		94
30) 1,2,4-Trichlorobenzene	10.96	180	295831	41.17	ng		98
31) Naphthalene	11.15	128	738993	40.76	ng		98
32) Benzoic acid	10.34	122	173803	36.17	ng		90
33) 4-Chloroaniline	11.25	127	184808	23.48	ng		95
34) Hexachlorobutadiene	11.42	225	229199	40.76	ng		99
35) Caprolactam	12.02	113	103963m	46.89	ng		
36) 4-Chloro-3-methylphenol	12.34	107	333363	45.59	ng		96
37) 2-Methylnaphthalene	12.74	142	557357	42.13	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	380917	40.48	ng		99
40) Hexachlorocyclopentadiene	13.06	237	542442	102.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	260815	46.11	ng		94
43) 2,4,5-Trichlorophenol	13.39	196	278000	45.46	ng		96
45) 1,1'-Biphenyl	13.72	154	797671	41.20	ng		94
46) 2-Chloronaphthalene	13.78	162	635813	43.12	ng		98
47) 2-Nitroaniline	13.98	65	272912	45.21	ng		98
48) Acenaphthylene	14.62	152	972598	43.02	ng		99
49) Dimethylphthalate	14.33	163	913448	46.11	ng		97
50) 2,6-Dinitrotoluene	14.46	165	205274	48.54	ng		91
51) Acenaphthene	14.95	154	681700	40.45	ng		97
52) 3-Nitroaniline	14.79	138	117199	26.78	ng		100
53) 2,4-Dinitrophenol	14.99	184	301762	98.48	ng	#	84
54) Dibenzofuran	15.29	168	1058189	45.41	ng		98
55) 4-Nitrophenol	15.07	139	374639	98.27	ng		91
56) 2,4-Dinitrotoluene	15.24	165	306350	49.85	ng	#	93
57) Fluorene	15.93	166	848091	43.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	308852m	48.71	ng		
59) Diethylphthalate	15.68	149	960221	46.24	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	484056	44.64	ng		97
61) 4-Nitroaniline	15.95	138	209601	43.85	ng		97
62) Azobenzene	16.21	77	993462	47.97	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	211920	43.98	ng		86
65) n-Nitrosodiphenylamine	16.13	169	825924	43.20	ng		96
66) 4-Bromophenyl-phenylether	16.81	248	358092	42.18	ng		96
67) Hexachlorobenzene	16.92	284	396626	42.28	ng		90
68) Atrazine	17.07	200	372688	45.44	ng		96
69) Pentachlorophenol	17.27	266	565379	91.33	ng		97
70) Phenanthrene	17.67	178	1525812	42.80	ng		98
71) Anthracene	17.76	178	1565590	43.53	ng		99
72) Carbazole	18.03	167	1416443	43.18	ng		98
73) Di-n-butylphthalate	18.56	149	1683891	44.52	ng		98
74) Fluoranthene	19.67	202	2027427	44.99	ng		97
76) Benzidine	19.84	184	994008	41.83	ng		96
77) Pyrene	20.03	202	2067013	41.92	ng		99
79) Butylbenzylphthalate	20.89	149	895361	43.56	ng		99
80) Benzo(a)anthracene	21.91	228	2376785	42.89	ng		100
81) 3,3'-Dichlorobenzidine	21.81	252	550330	24.62	ng		98
82) Chrysene	21.98	228	2212408	41.92	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1280751	43.55	ng		97
84) Di-n-octyl phthalate	23.05	149	2202032	45.12	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3173203	43.56	ng		100
87) Benzo(b)fluoranthene	24.26	252	2577713	43.81	ng		97
88) Benzo(k)fluoranthene	24.33	252	2422836	42.63	ng		97
89) Benzo(a)pyrene	25.20	252	2494404	43.38	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2652761	42.03	ng		99
91) Benzo(g,h,i)perylene	30.56	276	2607639	41.36	ng		99

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

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