Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024577.D
Acq On : 1 Nov 2016 5:04
Operator : UM/SJ
Sample : PB94406BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 01 13:09:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB94406BS

Manual Integrations APPROVED

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11/1/2016 4:33:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	129541	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	507893	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	395832	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	838151	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1098338	20.00	ng		0.00
86) Perylene-d12	25.35	264	1153440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	947826	119.92	ng		0.00
7) Phenol-d6	7.41	99	1370014	126.37	ng		0.00
23) Nitrobenzene-d5	9.45	82	962234	86.26	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	745077	126.00	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1922597	80.73	ng		0.00
78) Terphenyl-d14	20.21	244	3054916	83.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	100082	30.99	ng		87
3) Pyridine	4.08	79	465054	48.10	ng		87
4) n-Nitrosodimethylamine	3.99	42	169735	33.91	ng	#	82
6) Aniline	7.58	93	42242	3.08	ng	#	79
8) 2-Chlorophenol	7.83	128	301355	37.50	ng		96
9) Benzaldehyde	7.40	77	66900	9.99	ng		90
10) Phenol	7.43	94	435265	38.95	ng		97
11) bis(2-Chloroethyl)ether	7.68	93	317504	37.82	ng		90
12) 1,3-Dichlorobenzene	8.16	146	340443	34.22	ng		95
13) 1,4-Dichlorobenzene	8.31	146	343806	34.99	ng		99
14) 1,2-Dichlorobenzene	8.63	146	337197	35.69	ng		96
15) Benzyl Alcohol	8.50	79	341532	33.86	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	520937	33.44	ng		94
17) 2-Methylphenol	8.70	107	289825	39.14	ng		96
18) Hexachloroethane	9.36	117	138762	36.74	ng		92
19) n-Nitroso-di-n-propylamine	9.07	70	294681	36.88	ng		87
20) 3+4-Methylphenols	9.02	107	392723	39.50	ng		98
22) Acetophenone	9.10	105	489546	37.52	ng	#	92
24) Nitrobenzene	9.49	77	447281	36.04	ng		97
25) Isophorone	10.00	82	785653	37.86	ng		98
26) 2-Nitrophenol	10.20	139	177546	38.54	ng		96
27) 2,4-Dimethylphenol	10.24	122	324900	40.29	ng		93
28) bis(2-Chloroethoxy)methane	10.48	93	434896	40.51	ng		95
29) 2,4-Dichlorophenol	10.73	162	347635	41.07	ng		90
30) 1,2,4-Trichlorobenzene	10.95	180	363729	36.23	ng		99
31) Naphthalene	11.15	128	915933	36.15	ng		100
32) Benzoic acid	10.35	122	168708	25.12	ng	#	85
33) 4-Chloroaniline	11.26	127	24251	2.20	ng	#	87
34) Hexachlorobutadiene	11.42	225	290119	36.92	ng		96
35) Caprolactam	12.02	113	126597m	40.86	ng		
36) 4-Chloro-3-methylphenol	12.34	107	394404	38.60	ng		95
37) 2-Methylnaphthalene	12.73	142	694044	37.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	477879	35.79	ng		98
40) Hexachlorocyclopentadiene	13.06	237	597038	79.41	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	314586	39.20	ng		95
43) 2,4,5-Trichlorophenol	13.40	196	328365	37.85	ng		96
45) 1,1'-Biphenyl	13.72	154	957816	34.87	ng		97
46) 2-Chloronaphthalene	13.77	162	767266	36.68	ng		97
47) 2-Nitroaniline	13.97	65	295646	34.52	ng		98
48) Acenaphthylene	14.61	152	1152724	35.94	ng		96
49) Dimethylphthalate	14.33	163	1028774	36.61	ng		98
50) 2,6-Dinitrotoluene	14.46	165	229172	38.20	ng		93
51) Acenaphthene	14.95	154	766938	32.07	ng		96
53) 2,4-Dinitrophenol	14.99	184	267846	61.61	ng		95
54) Dibenzofuran	15.28	168	1216100	36.79	ng		97
55) 4-Nitrophenol	15.08	139	381839	70.60	ng	#	83
56) 2,4-Dinitrotoluene	15.24	165	330062	37.86	ng	#	91
57) Fluorene	15.93	166	983810	35.89	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	349033	38.80	ng	#	92
59) Diethylphthalate	15.68	149	1042957	35.40	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	556248	36.16	ng		95
61) 4-Nitroaniline	15.95	138	122945	18.13	ng		87
62) Azobenzene	16.20	77	1058116	36.01	ng		94
64) 4,6-Dinitro-2-methylphenol	16.00	198	205171	35.53	ng		97
65) n-Nitrosodiphenylamine	16.13	169	907772	39.62	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	400929	39.40	ng		94
67) Hexachlorobenzene	16.93	284	445323	39.61	ng	#	88
68) Atrazine	17.06	200	413843	42.11	ng		97
69) Pentachlorophenol	17.27	266	544683	73.42	ng		95
70) Phenanthrene	17.67	178	1637531	38.33	ng		96
71) Anthracene	17.76	178	1657472	38.46	ng		99
72) Carbazole	18.03	167	1439144	36.61	ng		99
73) Di-n-butylphthalate	18.55	149	1705791	37.64	ng		97
74) Fluoranthene	19.66	202	2020727	37.42	ng		98
76) Benzidine	19.84	184	167170	6.46	ng	#	91
77) Pyrene	20.02	202	2072201	38.59	ng		98
79) Butylbenzylphthalate	20.89	149	827562	36.97	ng		97
80) Benzo(a)anthracene	21.90	228	2244032	37.19	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	143767	5.91	ng	#	90
82) Chrysene	21.97	228	2098617	36.52	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1178610	36.81	ng		100
84) Di-n-octyl phthalate	23.04	149	2011363	37.85	ng	#	94
85) Indeno(1,2,3-cd)pyrene	29.29	276	2853206	35.97	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	2362757m	37.90	ng		
88) Benzo(k)fluoranthene	24.33	252	2260443	37.54	ng		97
89) Benzo(a)pyrene	25.19	252	2271792	37.29	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2418081	36.16	ng		99
91) Benzo(g,h,i)perylene	30.54	276	2406598	36.03	ng		99

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

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