Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024602.D
Acq On : 1 Nov 2016 21:05
Operator : UM/SJ
Sample : PB94458BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94458BSD

Manual Integrations APPROVED
Umangi
11/2/2016 5:44:22 PM

Quant Time: Nov 02 04:02:36 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	8.27	152	124763	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	487029	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	364005	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	792694	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1049234	20.00	ng		0.00
86) Perylene-d12	25.35	264	1146001	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	540083	70.95	ng		0.00
7) Phenol-d6	7.41	99	760823	72.86	ng		0.00
23) Nitrobenzene-d5	9.44	82	928900	86.84	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	391261	71.95	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1882647	85.96	ng		0.00
78) Terphenyl-d14	20.20	244	2994722	85.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	106771	34.33	ng		89
3) Pyridine	4.07	79	333689	35.84	ng	#	88
4) n-Nitrosodimethylamine	3.99	42	180203	37.38	ng	#	78
6) Aniline	7.59	93	299721	22.66	ng		94
8) 2-Chlorophenol	7.83	128	340055	43.94	ng		89
9) Benzaldehyde	7.40	77	65656	10.17	ng		96
10) Phenol	7.43	94	496244	46.10	ng		91
11) bis(2-Chloroethyl)ether	7.68	93	356270	44.06	ng		87
12) 1,3-Dichlorobenzene	8.16	146	386691	40.36	ng		96
13) 1,4-Dichlorobenzene	8.30	146	403653	42.65	ng		99
14) 1,2-Dichlorobenzene	8.63	146	371362	40.81	ng		94
15) Benzyl Alcohol	8.50	79	399410	41.12	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.79	45	567752	37.84	ng		95
17) 2-Methylphenol	8.70	107	322709	45.25	ng		97
18) Hexachloroethane	9.36	117	153493	42.19	ng		96
19) n-Nitroso-di-n-propylamine	9.07	70	321533	41.78	ng	#	85
20) 3+4-Methylphenols	9.03	107	444666	46.43	ng		96
22) Acetophenone	9.10	105	553970	44.28	ng	#	90
24) Nitrobenzene	9.49	77	488357	41.04	ng		97
25) Isophorone	10.00	82	860615	43.25	ng		100
26) 2-Nitrophenol	10.20	139	201772	45.68	ng		92
27) 2,4-Dimethylphenol	10.24	122	351226	45.42	ng		98
28) bis(2-Chloroethoxy)methane	10.48	93	482382	46.86	ng		98
29) 2,4-Dichlorophenol	10.73	162	375908	46.32	ng		98
30) 1,2,4-Trichlorobenzene	10.95	180	408003	42.38	ng		98
31) Naphthalene	11.15	128	1020089	41.99	ng		98
32) Benzoic acid	10.35	122	166150	25.80	ng		92
33) 4-Chloroaniline	11.25	127	154924	14.69	ng	#	94
34) Hexachlorobutadiene	11.41	225	327902	43.52	ng		99
35) Caprolactam	12.01	113	124267m	41.82	ng		
36) 4-Chloro-3-methylphenol	12.34	107	436197	44.52	ng		99
37) 2-Methylnaphthalene	12.73	142	762573	43.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	533267	43.44	ng		97
40) Hexachlorocyclopentadiene	13.06	237	714586	103.36	ng		92

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	340834	46.19	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	355493	44.56	ng		97
45) 1,1'-Biphenyl	13.72	154	1055423	41.78	ng		96
46) 2-Chloronaphthalene	13.77	162	843622	43.86	ng		96
47) 2-Nitroaniline	13.97	65	340216	43.20	ng		90
48) Acenaphthylene	14.61	152	1254293	42.52	ng		96
49) Dimethylphthalate	14.33	163	1112623	43.06	ng		99
50) 2,6-Dinitrotoluene	14.46	165	254478	46.13	ng		90
51) Acenaphthene	14.95	154	821188	37.35	ng		98
52) 3-Nitroaniline	14.78	138	122167	21.40	ng	#	99
53) 2,4-Dinitrophenol	14.99	184	266563	66.68	ng		99
54) Dibenzofuran	15.28	168	1330885	43.78	ng		100
55) 4-Nitrophenol	15.08	139	412485	82.93	ng	#	84
56) 2,4-Dinitrotoluene	15.24	165	373424	46.58	ng	#	94
57) Fluorene	15.92	166	1076683	42.71	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	367541	44.43	ng	#	94
59) Diethylphthalate	15.68	149	1113552	41.10	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	618849	43.75	ng		93
61) 4-Nitroaniline	15.95	138	249855	40.06	ng		94
62) Azobenzene	16.20	77	1157003	42.82	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	217247	39.78	ng		95
65) n-Nitrosodiphenylamine	16.12	169	991437	45.75	ng		96
66) 4-Bromophenyl-phenylether	16.81	248	444301	46.17	ng		97
67) Hexachlorobenzene	16.92	284	479976	45.14	ng	#	88
68) Atrazine	17.06	200	423274	45.54	ng		97
69) Pentachlorophenol	17.26	266	575096	81.96	ng		98
70) Phenanthrene	17.67	178	1779619	44.05	ng		97
71) Anthracene	17.76	178	1793109	43.99	ng		99
72) Carbazole	18.03	167	1605550	43.19	ng		97
73) Di-n-butylphthalate	18.55	149	1838682	42.90	ng		97
74) Fluoranthene	19.66	202	2202761	43.13	ng		98
76) Benzidine	19.84	184	807745	32.67	ng		95
77) Pyrene	20.02	202	2242797	43.73	ng		98
79) Butylbenzylphthalate	20.88	149	943875	44.14	ng		98
80) Benzo(a)anthracene	21.90	228	2496554	43.31	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	586326	25.21	ng		99
82) Chrysene	21.97	228	2383517	43.42	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1333241	43.59	ng		98
84) Di-n-octyl phthalate	23.04	149	2253095	44.38	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.30	276	3248814	42.87	ng		98
87) Benzo(b)fluoranthene	24.25	252	2700513	43.60	ng		98
88) Benzo(k)fluoranthene	24.32	252	2515230	42.05	ng		97
89) Benzo(a)pyrene	25.19	252	2577642	42.59	ng		100
90) Dibenzo(a,h)anthracene	29.37	278	2714528	40.86	ng		97
91) Benzo(g,h,i)perylene	30.53	276	2726058	41.07	ng		99

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

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