Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019945.D
Acq On : 5 Dec 2015 17:00
Operator : UM/NP
Sample : PB87048BSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87048BSD

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:31:38 PM

Quant Time: Dec 07 02:23:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	50827	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	222232	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	157492	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	405901	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	499742	20.00	ng		-0.03
86) Perylene-d12	25.05	264	469481	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	234613	83.43	ng		-0.01
7) Phenol-d6	7.26	99	344807	81.21	ng		-0.01
23) Nitrobenzene-d5	9.28	82	222034	50.99	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	175345	72.76	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	538541	46.69	ng		-0.02
78) Terphenyl-d14	20.09	244	962419	46.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	22554	20.59	ng	#	100
3) Pyridine	3.92	79	74461	22.38	ng	#	85
4) n-Nitrosodimethylamine	3.84	42	37994	21.71	ng		91
6) Aniline	7.43	93	94833	17.25	ng	#	81
8) 2-Chlorophenol	7.68	128	89968	26.24	ng		95
9) Benzaldehyde	7.24	77	30704	10.84	ng		96
10) Phenol	7.29	94	123277	27.59	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	83386	25.20	ng		89
12) 1,3-Dichlorobenzene	8.00	146	91095	23.44	ng	#	92
13) 1,4-Dichlorobenzene	8.15	146	93564	23.31	ng		96
14) 1,2-Dichlorobenzene	8.47	146	88979	23.24	ng		93
15) Benzyl Alcohol	8.35	79	95413	25.61	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	124240	23.02	ng		93
17) 2-Methylphenol	8.55	107	82458	26.14	ng	#	91
18) Hexachloroethane	9.21	117	35149	23.38	ng		99
19) n-Nitroso-di-n-propylamine	8.92	70	76753	22.92	ng		94
20) 3+4-Methylphenols	8.88	107	116848	26.30	ng		95
22) Acetophenone	8.94	105	137785	22.62	ng	#	95
24) Nitrobenzene	9.32	77	116576	24.68	ng		90
25) Isophorone	9.85	82	212653	22.78	ng		95
26) 2-Nitrophenol	10.04	139	49890	27.35	ng	#	76
27) 2,4-Dimethylphenol	10.09	122	97415	25.64	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	118210	25.91	ng		100
29) 2,4-Dichlorophenol	10.57	162	102389	26.38	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	102225	23.31	ng		94
31) Naphthalene	10.99	128	284614	23.91	ng		98
32) Benzoic acid	10.21	122	68563	29.43	ng		91
33) 4-Chloroaniline	11.08	127	58245	11.10	ng	#	95
34) Hexachlorobutadiene	11.27	225	70129	21.68	ng		96
35) Caprolactam	11.86	113	37219m	25.76	ng		
36) 4-Chloro-3-methylphenol	12.20	107	120822	25.00	ng		92
37) 2-Methylnaphthalene	12.59	142	215858	24.74	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	133293	22.30	ng		98
40) Hexachlorocyclopentadiene	12.93	237	152909	44.87	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	96350	24.35	ng		93
43) 2,4,5-Trichlorophenol	13.25	196	108591	25.97	ng		94
45) 1,1'-Biphenyl	13.58	154	285694	22.10	ng		100
46) 2-Chloronaphthalene	13.63	162	234621	23.55	ng		96
47) 2-Nitroaniline	13.82	65	88626	28.17	ng		88
48) Acenaphthylene	14.47	152	391621	23.08	ng		100
49) Dimethylphthalate	14.19	163	319788	22.57	ng		99
50) 2,6-Dinitrotoluene	14.31	165	71686	26.91	ng	#	76
51) Acenaphthene	14.81	154	274238	26.63	ng		98
52) 3-Nitroaniline	14.64	138	52090	18.82	ng		99
53) 2,4-Dinitrophenol	14.85	184	74947	56.02	ng	#	88
54) Dibenzofuran	15.14	168	387309	25.28	ng		92
55) 4-Nitrophenol	14.94	139	127548	52.92	ng	#	68
56) 2,4-Dinitrotoluene	15.09	165	104565	28.14	ng	#	87
57) Fluorene	15.79	166	313830	22.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	102794	26.56	ng		98
59) Diethylphthalate	15.56	149	340414	22.20	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	175330	22.27	ng		99
61) 4-Nitroaniline	15.80	138	80160	25.76	ng	#	77
62) Azobenzene	16.08	77	322776	25.30	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	60481	29.26	ng		91
65) n-Nitrosodiphenylamine	15.99	169	291478	24.82	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	118194	23.43	ng		99
67) Hexachlorobenzene	16.79	284	124385	23.67	ng		95
68) Atrazine	16.94	200	125468	24.59	ng		96
69) Pentachlorophenol	17.13	266	164019	53.49	ng		96
70) Phenanthrene	17.53	178	558007	24.30	ng		97
71) Anthracene	17.62	178	565829	24.19	ng		96
72) Carbazole	17.88	167	507177	24.61	ng		98
73) Di-n-butylphthalate	18.44	149	605368	23.97	ng		98
74) Fluoranthene	19.53	202	700906	23.86	ng		96
76) Benzidine	19.71	184	215873	13.15	ng		97
77) Pyrene	19.89	202	724340	24.64	ng		96
79) Butylbenzylphthalate	20.78	149	279439	24.25	ng		96
80) Benzo(a)anthracene	21.74	228	735060	24.03	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	167192	14.35	ng		99
82) Chrysene	21.81	228	669654	23.06	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	404799	23.94	ng		97
84) Di-n-octyl phthalate	22.88	149	708385	25.76	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.80	276	813846	25.44	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	724204	24.34	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	673176	22.84	ng	#	95
89) Benzo(a)pyrene	24.89	252	687024	24.32	ng	#	96
90) Dibenzo(a,h)anthracene	28.86	278	668999	23.97	ng	#	94
91) Benzo(g,h,i)perylene	29.96	276	671850	24.52	ng	#	92

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

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