Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019951.D
Acq On : 5 Dec 2015 20:52
Operator : UM/NP
Sample : PB86951BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB86951BS

Manual Integrations APPROVED
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12/7/2015 6:31:34 PM

Quant Time: Dec 07 02:35:39 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	30348	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	128025	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	92445	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	233425	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	280649	20.00	ng		-0.03
86) Perylene-d12	25.04	264	262737	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	232683	138.57	ng		0.00
7) Phenol-d6	7.27	99	339851	134.05	ng		0.00
23) Nitrobenzene-d5	9.28	82	221934	88.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	170942	120.85	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	530782	78.40	ng		-0.02
78) Terphenyl-d14	20.09	244	931313	80.94	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	22754	34.78	ng	#	100
3) Pyridine	3.92	79	71429	35.95	ng	#	86
4) n-Nitrosodimethylamine	3.84	42	36809	35.23	ng		87
6) Aniline	7.43	93	86331	26.30	ng	#	87
8) 2-Chlorophenol	7.68	128	85750	41.88	ng		94
9) Benzaldehyde	7.24	77	39264	23.22	ng		98
10) Phenol	7.29	94	119299	44.71	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	78950	39.95	ng		89
12) 1,3-Dichlorobenzene	8.01	146	87957	37.90	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	89573	37.37	ng		95
14) 1,2-Dichlorobenzene	8.47	146	87840	38.42	ng		92
15) Benzyl Alcohol	8.35	79	92538	41.60	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	123991	38.47	ng		92
17) 2-Methylphenol	8.55	107	80627	42.80	ng	#	93
18) Hexachloroethane	9.20	117	33685	37.53	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	74144	37.08	ng		92
20) 3+4-Methylphenols	8.88	107	113575	42.82	ng		94
22) Acetophenone	8.94	105	133022	37.90	ng	#	93
24) Nitrobenzene	9.32	77	112998	41.53	ng		90
25) Isophorone	9.84	82	205910	38.29	ng	#	94
26) 2-Nitrophenol	10.04	139	48212	45.88	ng	#	77
27) 2,4-Dimethylphenol	10.09	122	91329	41.73	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	114397	43.53	ng		99
29) 2,4-Dichlorophenol	10.57	162	100351	44.88	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	98045	38.80	ng		95
31) Naphthalene	10.98	128	274917	40.08	ng		99
32) Benzoic acid	10.20	122	65835	45.06	ng		91
33) 4-Chloroaniline	11.08	127	52678	17.43	ng	#	91
34) Hexachlorobutadiene	11.27	225	67859	36.41	ng		99
35) Caprolactam	11.86	113	35569m	42.74	ng		
36) 4-Chloro-3-methylphenol	12.19	107	116623	41.88	ng		97
37) 2-Methylnaphthalene	12.58	142	209643	41.71	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	130252	37.13	ng		99
40) Hexachlorocyclopentadiene	12.92	237	135147	67.56	ng		99

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Quant Time: Dec 07 02:35:39 2015
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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)
42) 2,4,6-Trichlorophenol	13.18	196	92091	39.65	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	103391	42.12	ng		98
45) 1,1'-Biphenyl	13.58	154	281431	37.10	ng		99
46) 2-Chloronaphthalene	13.62	162	225794	38.61	ng		95
47) 2-Nitroaniline	13.82	65	83201	45.05	ng		87
48) Acenaphthylene	14.47	152	375726	37.72	ng		98
49) Dimethylphthalate	14.19	163	312206	37.54	ng		99
50) 2,6-Dinitrotoluene	14.31	165	68828	44.02	ng	#	81
51) Acenaphthene	14.81	154	264970m	43.84	ng		
52) 3-Nitroaniline	14.64	138	46645	28.72	ng	#	92
53) 2,4-Dinitrophenol	14.84	184	74803	88.76	ng		89
54) Dibenzofuran	15.14	168	378895	42.14	ng		93
55) 4-Nitrophenol	14.94	139	118285	83.61	ng	#	66
56) 2,4-Dinitrotoluene	15.10	165	97061	44.50	ng	#	92
57) Fluorene	15.79	166	301850	37.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	99018	43.59	ng		98
59) Diethylphthalate	15.56	149	328004	36.45	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	167537	36.26	ng		97
61) 4-Nitroaniline	15.80	138	76227	41.72	ng	#	79
62) Azobenzene	16.07	77	311629	41.61	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	57473	44.36	ng		91
65) n-Nitrosodiphenylamine	15.99	169	276441	40.92	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	111666	38.50	ng		96
67) Hexachlorobenzene	16.79	284	120129	39.76	ng		99
68) Atrazine	16.94	200	115781	39.45	ng		95
69) Pentachlorophenol	17.13	266	153119	86.83	ng		95
70) Phenanthrene	17.53	178	523162	39.61	ng		97
71) Anthracene	17.62	178	530461	39.43	ng		96
72) Carbazole	17.88	167	478739	40.40	ng		97
73) Di-n-butylphthalate	18.44	149	567475	39.07	ng		98
74) Fluoranthene	19.53	202	670180	39.67	ng		96
76) Benzidine	19.70	184	152972	16.59	ng		96
77) Pyrene	19.89	202	685064	41.49	ng		96
79) Butylbenzylphthalate	20.77	149	268728	41.52	ng		97
80) Benzo(a)anthracene	21.74	228	692785	40.33	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	156238	23.88	ng		97
82) Chrysene	21.81	228	636198	39.00	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	387076	40.76	ng		96
84) Di-n-octyl phthalate	22.88	149	667208	43.21	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	764462	42.55	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	673154	40.43	ng	#	95
88) Benzo(k)fluoranthene	24.06	252	656995	39.84	ng	#	94
89) Benzo(a)pyrene	24.89	252	642917	40.67	ng	#	97
90) Dibenzo(a,h)anthracene	28.86	278	639513	40.94	ng	#	94
91) Benzo(g,h,i)perylene	29.96	276	634045	41.34	ng	#	92

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

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