Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019108.D
Acq On : 10 Oct 2015 9:13
Operator : UM/NP
Sample : PB85979BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:00:55 PM

Quant Time: Oct 12 05:31:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 07:04:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18594	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	78617	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	56110	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	148371	20.00	ng		0.00
75) Chrysene-d12	21.68	240	184825	20.00	ng		0.00
86) Perylene-d12	24.91	264	175870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	76711	84.00	ng		0.00
7) Phenol-d6	7.19	99	114131	81.35	ng		0.00
23) Nitrobenzene-d5	9.19	82	110083	77.37	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	60396	78.99	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	270610	74.16	ng		0.00
78) Terphenyl-d14	20.02	244	543499	77.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	11546	30.06	ng	#	91
3) Pyridine	3.90	79	35476	30.21	ng		96
4) n-Nitrosodimethylamine	3.81	42	21172	31.80	ng		100
6) Aniline	7.36	93	23294	12.26	ng		97
8) 2-Chlorophenol	7.60	128	43881	38.29	ng		99
9) Benzaldehyde	7.17	77	33892	38.35	ng		99
10) Phenol	7.22	94	58174	39.82	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	39309	35.61	ng		97
12) 1,3-Dichlorobenzene	7.92	146	43565	34.83	ng		96
13) 1,4-Dichlorobenzene	8.07	146	45418	35.48	ng		96
14) 1,2-Dichlorobenzene	8.39	146	43840	35.39	ng		95
15) Benzyl Alcohol	8.27	79	46011	36.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	85012	35.96	ng		97
17) 2-Methylphenol	8.47	107	40687	39.00	ng		96
18) Hexachloroethane	9.12	117	16737	34.31	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	34907	31.36	ng	#	97
20) 3+4-Methylphenols	8.80	107	56768	37.78	ng		95
22) Acetophenone	8.85	105	67383	36.66	ng	#	96
24) Nitrobenzene	9.24	77	54818	36.31	ng		96
25) Isophorone	9.75	82	99167	34.26	ng		96
26) 2-Nitrophenol	9.95	139	23762	36.92	ng		98
27) 2,4-Dimethylphenol	10.01	122	44799	39.83	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	56020	36.27	ng		97
29) 2,4-Dichlorophenol	10.48	162	48189	40.87	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	44960	35.52	ng		95
31) Naphthalene	10.89	128	138636	36.64	ng		98
32) Benzoic acid	10.13	122	20099	31.89	ng		91
33) 4-Chloroaniline	10.99	127	15728	8.94	ng	#	91
34) Hexachlorobutadiene	11.18	225	31403	36.19	ng		94
35) Caprolactam	11.75	113	17473m	40.23	ng		
36) 4-Chloro-3-methylphenol	12.12	107	59409	39.64	ng		95
37) 2-Methylnaphthalene	12.49	142	107309	36.50	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	57923	35.92	ng		98
40) Hexachlorocyclopentadiene	12.84	237	72576	86.52	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	41183	36.68	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	47327	39.67	ng	98
45) 1,1'-Biphenyl	13.50	154	145693	35.75	ng	98
46) 2-Chloronaphthalene	13.54	162	111949	35.71	ng	99
47) 2-Nitroaniline	13.74	65	45529	36.17	ng	96
48) Acenaphthylene	14.38	152	197190	35.66	ng	98
49) Dimethylphthalate	14.11	163	159623	36.02	ng	99
50) 2,6-Dinitrotoluene	14.23	165	35229	37.21	ng	96
51) Acenaphthene	14.72	154	115904	34.86	ng	96
52) 3-Nitroaniline	14.55	138	12140	11.62	ng	86
53) 2,4-Dinitrophenol	14.77	184	40058	73.99	ng	87
54) Dibenzofuran	15.06	168	186875	38.04	ng	97
55) 4-Nitrophenol	14.87	139	64545	81.64	ng	98
56) 2,4-Dinitrotoluene	15.02	165	54222	39.39	ng	94
57) Fluorene	15.71	166	159848	37.51	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	44922	39.77	ng	99
59) Diethylphthalate	15.48	149	169000	36.71	ng	100
60) 4-Chlorophenyl-phenylether	15.70	204	79005	36.38	ng	98
61) 4-Nitroaniline	15.72	138	39061	34.41	ng	92
62) Azobenzene	15.99	77	163591	38.32	ng	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	30346	37.46	ng	98
65) n-Nitrosodiphenylamine	15.91	169	144635	35.27	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	55462	36.78	ng	95
67) Hexachlorobenzene	16.72	284	65930	37.23	ng	95
68) Atrazine	16.86	200	65869	39.01	ng	99
69) Pentachlorophenol	17.06	266	73041	79.13	ng	99
70) Phenanthrene	17.45	178	282650	37.02	ng	99
71) Anthracene	17.54	178	287144	37.59	ng	99
72) Carbazole	17.81	167	272971	38.18	ng	99
73) Di-n-butylphthalate	18.37	149	331738	37.88	ng	99
74) Fluoranthene	19.46	202	375451	38.22	ng	100
76) Benzidine	19.64	184	86997	18.35	ng	98
77) Pyrene	19.82	202	387836	37.47	ng	100
79) Butylbenzylphthalate	20.71	149	154850	36.72	ng	99
80) Benzo(a)anthracene	21.66	228	365333	36.87	ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	45133	12.32	ng	97
82) Chrysene	21.73	228	330615	35.16	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	213971	36.53	ng	98
84) Di-n-octyl phthalate	22.79	149	360735	35.65	ng	100
85) Indeno(1,2,3-cd)pyrene	28.59	276	408699	35.71	ng	99
87) Benzo(b)fluoranthene	23.88	252	367066	38.82	ng	100
88) Benzo(k)fluoranthene	23.96	252	338891	36.30	ng	98
89) Benzo(a)pyrene	24.75	252	346480	38.79	ng	99
90) Dibenzo(a,h)anthracene	28.65	278	359217	37.45	ng	98
91) Benzo(g,h,i)perylene	29.74	276	334385	37.49	ng	99

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

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