Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016673.D
Acq On : 24 Apr 2015 4:58
Operator : TP/IZ
Sample : G1950-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PS-20(5-10)MS

Manual Integrations APPROVED
apatel
4/24/2015 3:30:01 PM

Quant Time: Apr 24 05:52:18 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 04:29:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	58304	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	251780	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	141552	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	296537	20.00	ng		0.00
75) Chrysene-d12	21.18	240	282307	20.00	ng		0.00
86) Perylene-d12	23.38	264	261452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	355454	98.93	ng		0.00
7) Phenol-d6	6.79	99	499805	99.16	ng		0.00
23) Nitrobenzene-d5	8.76	82	241421	60.59	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	100939	96.12	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	563450	63.95	ng		0.00
78) Terphenyl-d14	19.63	244	712367	58.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	36577	23.50	ng		96
3) Pyridine	3.45	79	101717	23.02	ng		100
4) n-Nitrosodimethylamine	3.38	42	36275	27.82	ng		95
6) Aniline	6.93	93	87088	12.60	ng		98
8) 2-Chlorophenol	7.17	128	138101	31.10	ng		98
9) Benzaldehyde	6.74	77	13546	6.58	ng		93
10) Phenol	6.82	94	181668	34.19	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	118838	28.66	ng		98
12) 1,3-Dichlorobenzene	7.48	146	126833	27.62	ng		96
13) 1,4-Dichlorobenzene	7.63	146	129976	27.69	ng		98
14) 1,2-Dichlorobenzene	7.95	146	126518	28.23	ng		100
15) Benzyl Alcohol	7.85	79	95615	30.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.13	45	116491	30.01	ng		98
17) 2-Methylphenol	8.06	107	114588	32.26	ng		98
18) Hexachloroethane	8.66	117	45517	27.50	ng		93
19) n-Nitroso-di-n-propylamine	8.40	70	84629	26.93	ng		98
20) 3+4-Methylphenols	8.39	107	153261	30.69	ng		99
22) Acetophenone	8.42	105	169206	30.62	ng	#	98
24) Nitrobenzene	8.80	77	122495	29.27	ng		100
25) Isophorone	9.32	82	236637	28.65	ng		100
26) 2-Nitrophenol	9.50	139	74309	30.60	ng		99
27) 2,4-Dimethylphenol	9.58	122	131011	32.31	ng		98
28) bis(2-Chloroethoxy)methane	9.80	93	150243	30.15	ng		98
29) 2,4-Dichlorophenol	10.04	162	115518	33.52	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	107979	29.56	ng		96
31) Naphthalene	10.43	128	390283	29.40	ng		99
32) Benzoic acid	9.71	122	33780	21.39	ng		92
33) 4-Chloroaniline	10.56	127	72110	11.79	ng		95
34) Hexachlorobutadiene	10.71	225	46983	28.80	ng		98
35) Caprolactam	11.31	113	57048m	30.70	ng		
36) 4-Chloro-3-methylphenol	11.70	107	127863	31.91	ng		100
37) 2-Methylnaphthalene	12.05	142	288883	30.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	101625	30.14	ng		99
40) Hexachlorocyclopentadiene	12.40	237	71004	56.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	77527	31.46	ng	99
43) 2,4,5-Trichlorophenol	12.76	196	84556	32.43	ng	98
45) 1,1'-Biphenyl	13.08	154	349596	31.45	ng	99
46) 2-Chloronaphthalene	13.12	162	262232	30.69	ng	99
47) 2-Nitroaniline	13.33	65	73131	31.37	ng	98
48) Acenaphthylene	13.97	152	452014	30.20	ng	99
49) Dimethylphthalate	13.72	163	351823	33.22	ng	99
50) 2,6-Dinitrotoluene	13.84	165	79164	30.46	ng	97
51) Acenaphthene	14.32	154	272411	30.32	ng	98
52) 3-Nitroaniline	14.17	138	52722	16.79	ng	97
53) 2,4-Dinitrophenol	14.39	184	66983	50.51	ng	95
54) Dibenzofuran	14.65	168	398600	31.46	ng	100
55) 4-Nitrophenol	14.51	139	157009	66.72	ng	97
56) 2,4-Dinitrotoluene	14.63	165	111650	31.37	ng	99
57) Fluorene	15.30	166	347632	31.39	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	62854	31.86	ng	100
59) Diethylphthalate	15.08	149	337662	30.60	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	141132	30.51	ng	97
61) 4-Nitroaniline	15.34	138	104682	30.13	ng	98
62) Azobenzene	15.59	77	336393	33.38	ng	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	55774	27.80	ng	98
65) n-Nitrosodiphenylamine	15.51	169	304579	29.96	ng	100
66) 4-Bromophenyl-phenylether	16.19	248	74514	30.07	ng	98
67) Hexachlorobenzene	16.30	284	76779	30.13	ng	95
68) Atrazine	16.47	200	95088	34.84	ng	99
69) Pentachlorophenol	16.65	266	77102	62.31	ng	99
70) Phenanthrene	17.04	178	525479	30.85	ng	99
71) Anthracene	17.12	178	529712	31.26	ng	99
72) Carbazole	17.41	167	556657	32.79	ng	98
73) Di-n-butylphthalate	17.96	149	666004	32.91	ng	99
74) Fluoranthene	19.06	202	583918	32.35	ng	98
76) Benzidine	19.25	184	217785	22.65	ng	98
77) Pyrene	19.42	202	610032	30.76	ng	99
79) Butylbenzylphthalate	20.33	149	309427	31.72	ng	99
80) Benzo(a)anthracene	21.17	228	523726	30.59	ng	99
81) 3,3'-Dichlorobenzidine	21.10	252	71861	12.88	ng	96
82) Chrysene	21.22	228	499231	30.42	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	435247	32.79	ng	97
84) Di-n-octyl phthalate	21.96	149	717049	32.43	ng	99
85) Indeno(1,2,3-cd)pyrene	25.63	276	534011	29.86	ng	99
87) Benzo(b)fluoranthene	22.72	252	506107	31.87	ng	98
88) Benzo(k)fluoranthene	22.76	252	465619	30.04	ng	99
89) Benzo(a)pyrene	23.29	252	471234	31.49	ng	98
90) Dibenzo(a,h)anthracene	25.63	278	439830	30.22	ng	98
91) Benzo(g,h,i)perylene	26.31	276	447453	30.22	ng	99

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

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