Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
Data File : BG016674.D
Acq On : 24 Apr 2015 5:33
Operator : TP/IZ
Sample : G1950-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations APPROVED
apatel
4/24/2015 3:30:07 PM

Quant Time: Apr 24 06:55:34 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	54681	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	230222	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	131105	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	286178	20.00	ng		0.00
75) Chrysene-d12	21.18	240	270810	20.00	ng		0.00
86) Perylene-d12	23.39	264	245861	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	518941	154.00	ng		0.00
7) Phenol-d6	6.80	99	717037	151.68	ng		0.00
23) Nitrobenzene-d5	8.76	82	353089	96.91	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	150696	154.94	ng		0.00
44) 2-Fluorobiphenyl	12.87	172	788737	96.66	ng		0.00
78) Terphenyl-d14	19.63	244	1010860	85.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	48480	33.21	ng		99
3) Pyridine	3.45	79	129629	31.28	ng		98
4) n-Nitrosodimethylamine	3.38	42	51259	41.92	ng		91
6) Aniline	6.93	93	101557	15.67	ng		99
8) 2-Chlorophenol	7.17	128	192716	46.27	ng		99
9) Benzaldehyde	6.74	77	19710	10.21	ng		89
10) Phenol	6.82	94	243846	48.94	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	166658	42.85	ng		96
12) 1,3-Dichlorobenzene	7.48	146	175066	40.65	ng		99
13) 1,4-Dichlorobenzene	7.63	146	180450	40.98	ng		98
14) 1,2-Dichlorobenzene	7.95	146	175512	41.76	ng		99
15) Benzyl Alcohol	7.85	79	134871	45.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	158629	43.57	ng		99
17) 2-Methylphenol	8.06	107	158028	47.44	ng		99
18) Hexachloroethane	8.66	117	64296	41.42	ng		99
19) n-Nitroso-di-n-propylamine	8.40	70	118346	40.16	ng		98
20) 3+4-Methylphenols	8.39	107	214422	45.78	ng		97
22) Acetophenone	8.42	105	235130	46.53	ng	#	99
24) Nitrobenzene	8.80	77	171021	44.70	ng		99
25) Isophorone	9.32	82	332638	44.05	ng		99
26) 2-Nitrophenol	9.50	139	103075	46.43	ng		97
27) 2,4-Dimethylphenol	9.58	122	185948	50.15	ng		97
28) bis(2-Chloroethoxy)methane	9.80	93	205628	45.13	ng		97
29) 2,4-Dichlorophenol	10.05	162	162269	51.49	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	146722	43.93	ng		99
31) Naphthalene	10.43	128	538799	44.39	ng		99
32) Benzoic acid	9.73	122	50521	29.36	ng		97
33) 4-Chloroaniline	10.56	127	68007	12.16	ng		97
34) Hexachlorobutadiene	10.71	225	64406	43.17	ng		99
35) Caprolactam	11.32	113	82947m	48.82	ng		
36) 4-Chloro-3-methylphenol	11.71	107	178854	48.81	ng		98
37) 2-Methylnaphthalene	12.05	142	392015	44.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	138292	44.28	ng		99
40) Hexachlorocyclopentadiene	12.41	237	103710	85.15	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	110592	48.46	ng	98
43) 2,4,5-Trichlorophenol	12.76	196	121625	50.36	ng	98
45) 1,1'-Biphenyl	13.08	154	481908	46.80	ng	99
46) 2-Chloronaphthalene	13.12	162	361422	45.66	ng	100
47) 2-Nitroaniline	13.33	65	104684	48.49	ng	95
48) Acenaphthylene	13.97	152	624923	45.08	ng	98
49) Dimethylphthalate	13.72	163	482727	49.22	ng	99
50) 2,6-Dinitrotoluene	13.84	165	112634	46.80	ng	97
51) Acenaphthene	14.32	154	378561	45.50	ng	98
52) 3-Nitroaniline	14.17	138	64887	22.31	ng	99
53) 2,4-Dinitrophenol	14.39	184	98861	75.97	ng	98
54) Dibenzofuran	14.65	168	547694	46.67	ng	99
55) 4-Nitrophenol	14.52	139	237602	109.01	ng	95
56) 2,4-Dinitrotoluene	14.63	165	159098	48.26	ng	98
57) Fluorene	15.30	166	479617	46.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	90274	49.40	ng	98
59) Diethylphthalate	15.09	149	473101	46.29	ng	100
60) 4-Chlorophenyl-phenylether	15.30	204	195562	45.65	ng	99
61) 4-Nitroaniline	15.34	138	132312	41.12	ng	98
62) Azobenzene	15.59	77	459031	49.17	ng	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	77182	39.86	ng	99
65) n-Nitrosodiphenylamine	15.51	169	426629	43.48	ng	100
66) 4-Bromophenyl-phenylether	16.19	248	105445	44.09	ng	99
67) Hexachlorobenzene	16.31	284	107632	43.76	ng	96
68) Atrazine	16.47	200	138842	52.71	ng	99
69) Pentachlorophenol	16.66	266	123194	103.16	ng	98
70) Phenanthrene	17.04	178	734480	44.68	ng	98
71) Anthracene	17.13	178	744429	45.52	ng	100
72) Carbazole	17.41	167	785106	47.92	ng	98
73) Di-n-butylphthalate	17.96	149	929843	47.62	ng	99
74) Fluoranthene	19.06	202	811353	46.57	ng	99
76) Benzidine	19.25	184	139986	15.18	ng	99
77) Pyrene	19.42	202	853499	44.86	ng	99
79) Butylbenzylphthalate	20.33	149	449150	47.99	ng	98
80) Benzo(a)anthracene	21.17	228	731505	44.55	ng	99
81) 3,3'-Dichlorobenzidine	21.11	252	117843	22.02	ng	97
82) Chrysene	21.22	228	695094	44.15	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	616211	48.40	ng	99
84) Di-n-octyl phthalate	21.96	149	1015702	47.89	ng	99
85) Indeno(1,2,3-cd)pyrene	25.63	276	756260	44.08	ng	99
87) Benzo(b)fluoranthene	22.72	252	697421	46.70	ng	99
88) Benzo(k)fluoranthene	22.77	252	662858	45.48	ng	99
89) Benzo(a)pyrene	23.29	252	667491	47.43	ng	98
90) Dibenzo(a,h)anthracene	25.64	278	625227	45.69	ng	97
91) Benzo(g,h,i)perylene	26.31	276	640435	46.00	ng	99

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

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