Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018641.D
Acq On : 11 Sep 2015 16:14
Operator : UM/IZ
Sample : G3578-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WASTECLASS-COMPMSD

Manual Integrations APPROVED
MMDadoda
9/14/2015 12:52:30 PM

Quant Time: Sep 12 01:48:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56682	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	229940	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	163733	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	446116	20.00	ng		0.00
75) Chrysene-d12	21.64	240	476667	20.00	ng		0.00
86) Perylene-d12	24.83	264	490584	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	458793	139.82	ng		0.00
7) Phenol-d6	7.17	99	639695	135.97	ng		0.01
23) Nitrobenzene-d5	9.17	82	401859	97.79	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	341742	155.01	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	1042886	88.42	ng		0.00
78) Terphenyl-d14	19.98	244	1762693	97.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	49673	36.22	ng	#	100
3) Pyridine	3.88	79	142867	33.60	ng		90
4) n-Nitrosodimethylamine	3.78	42	61644	41.64	ng	#	84
6) Aniline	7.33	93	188311	29.04	ng		98
8) 2-Chlorophenol	7.57	128	179932	47.49	ng		94
9) Benzaldehyde	7.14	77	82835	32.70	ng		100
10) Phenol	7.20	94	223087	44.88	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	168918	43.86	ng		97
12) 1,3-Dichlorobenzene	7.90	146	187332	42.50	ng		95
13) 1,4-Dichlorobenzene	8.04	146	187049	42.31	ng		97
14) 1,2-Dichlorobenzene	8.36	146	182957	43.34	ng		99
15) Benzyl Alcohol	8.24	79	162729	47.99	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	201472	46.06	ng		97
17) 2-Methylphenol	8.44	107	164787	47.72	ng		98
18) Hexachloroethane	9.09	117	63297	40.04	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	141183	42.60	ng		98
20) 3+4-Methylphenols	8.77	107	232325	47.91	ng		94
22) Acetophenone	8.82	105	278980	47.89	ng		99
24) Nitrobenzene	9.21	77	205876	47.18	ng		95
25) Isophorone	9.73	82	417407	47.23	ng		98
26) 2-Nitrophenol	9.92	139	98920	48.59	ng		97
27) 2,4-Dimethylphenol	9.98	122	187542	50.73	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	246649	48.61	ng		99
29) 2,4-Dichlorophenol	10.45	162	204072	54.63	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	187613	45.32	ng		92
31) Naphthalene	10.86	128	572754	46.51	ng		98
32) Benzoic acid	10.06	122	35486	17.58	ng		98
33) 4-Chloroaniline	10.97	127	37758	6.78	ng		94
34) Hexachlorobutadiene	11.15	225	107446	44.02	ng		97
35) Caprolactam	11.73	113	78740m	49.02	ng		
36) 4-Chloro-3-methylphenol	12.09	107	221860	53.23	ng		99
37) 2-Methylnaphthalene	12.46	142	436875	48.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	229787	44.25	ng		99
40) Hexachlorocyclopentadiene	12.81	237	235268	90.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	175100	48.69	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	199951	50.68	ng		98
45) 1,1'-Biphenyl	13.47	154	602789	46.30	ng		98
46) 2-Chloronaphthalene	13.51	162	458784	45.73	ng		98
47) 2-Nitroaniline	13.71	65	152759	50.61	ng		90
48) Acenaphthylene	14.35	152	826721	46.62	ng		98
49) Dimethylphthalate	14.08	163	666550	49.16	ng		98
50) 2,6-Dinitrotoluene	14.21	165	148267	50.33	ng		96
51) Acenaphthene	14.70	154	494901	47.97	ng		97
52) 3-Nitroaniline	14.53	138	99190	28.18	ng		97
53) 2,4-Dinitrophenol	14.74	184	74254	52.69	ng		99
54) Dibenzofuran	15.03	168	790997	49.34	ng		98
55) 4-Nitrophenol	14.85	139	256593	94.42	ng		98
56) 2,4-Dinitrotoluene	14.99	165	221676	53.06	ng	#	98
57) Fluorene	15.68	166	676704	49.02	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	188021	50.82	ng		98
59) Diethylphthalate	15.45	149	696700	49.27	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	323487	48.77	ng		95
61) 4-Nitroaniline	15.70	138	185626	48.91	ng		98
62) Azobenzene	15.96	77	638224	51.07	ng		98
64) 4,6-Dinitro-2-methylphenol	15.76	198	75347	33.22	ng		97
65) n-Nitrosodiphenylamine	15.89	169	611255	47.31	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	219610	48.40	ng		99
67) Hexachlorobenzene	16.69	284	241382	48.97	ng		97
68) Atrazine	16.83	200	255350	49.70	ng		98
69) Pentachlorophenol	17.03	266	278282	91.54	ng		94
70) Phenanthrene	17.42	178	1137221	48.46	ng		98
71) Anthracene	17.51	178	1162283	48.92	ng		100
72) Carbazole	17.78	167	1134346	49.33	ng		99
73) Di-n-butylphthalate	18.34	149	1315989	48.52	ng		100
74) Fluoranthene	19.42	202	1415180	48.70	ng		99
76) Benzidine	19.60	184	271185	18.95	ng		99
77) Pyrene	19.79	202	1454445	49.65	ng		99
79) Butylbenzylphthalate	20.67	149	587475	49.33	ng		98
80) Benzo(a)anthracene	21.62	228	1338664	48.78	ng		96
81) 3,3'-Dichlorobenzidine	21.53	252	298003	28.58	ng		98
82) Chrysene	21.69	228	1222539	47.31	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	863710	50.27	ng		98
84) Di-n-octyl phthalate	22.73	149	1455891	50.10	ng		98
85) Indeno(1,2,3-cd)pyrene	28.47	276	1633419	49.78	ng	#	100
87) Benzo(b)fluoranthene	23.82	252	1392628	48.95	ng		98
88) Benzo(k)fluoranthene	23.89	252	1377628	48.34	ng		98
89) Benzo(a)pyrene	24.68	252	1368665	50.56	ng		99
90) Dibenzo(a,h)anthracene	28.53	278	1320786	49.55	ng		99
91) Benzo(g,h,i)perylene	29.61	276	1345411	49.57	ng		98

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

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