Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018640.D
Acq On : 11 Sep 2015 15:36
Operator : UM/IZ
Sample : G3578-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WASTECLASS-COMPMS

Manual Integrations APPROVED
MMDadoda
9/14/2015 12:52:24 PM

Quant Time: Sep 11 16:21:51 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	8.00	152	58329	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	239908	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	159318	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	434881	20.00	ng		0.00
75) Chrysene-d12	21.64	240	481243	20.00	ng		0.00
86) Perylene-d12	24.82	264	311043	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	476194	141.03	ng		0.00
7) Phenol-d6	7.17	99	646469	133.53	ng		0.00
23) Nitrobenzene-d5	9.17	82	408773	95.34	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	320839	149.56	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	1041312	90.73	ng		0.00
78) Terphenyl-d14	19.98	244	1744922	95.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	53101	37.63	ng	#	100
3) Pyridine	3.94	79	144122	32.94	ng		89
4) n-Nitrosodimethylamine	3.79	42	65742	43.15	ng		85
6) Aniline	7.35	93	20746	3.11	ng		96
8) 2-Chlorophenol	7.57	128	182397	46.78	ng		95
9) Benzaldehyde	7.14	77	66716	25.60	ng		93
10) Phenol	7.20	94	230043	44.98	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	178907	45.14	ng		97
12) 1,3-Dichlorobenzene	7.90	146	189873	41.86	ng		97
13) 1,4-Dichlorobenzene	8.04	146	193569	42.55	ng		98
14) 1,2-Dichlorobenzene	8.36	146	187104	43.08	ng		99
15) Benzyl Alcohol	8.24	79	85544	24.51	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	206354	45.85	ng		99
17) 2-Methylphenol	8.45	107	169923	47.81	ng		96
18) Hexachloroethane	9.09	117	67847	41.71	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	147544	43.27	ng		97
20) 3+4-Methylphenols	8.77	107	231859	46.47	ng		93
22) Acetophenone	8.82	105	282364	46.46	ng	#	98
24) Nitrobenzene	9.21	77	208139	45.72	ng		96
25) Isophorone	9.73	82	412740	44.76	ng		99
26) 2-Nitrophenol	9.92	139	97846	46.07	ng		95
27) 2,4-Dimethylphenol	9.98	122	192937	50.02	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	216229	40.84	ng		99
29) 2,4-Dichlorophenol	10.46	162	199755	51.25	ng		100
30) 1,2,4-Trichlorobenzene	10.67	180	190945	44.21	ng		99
31) Naphthalene	10.86	128	574122	44.69	ng		99
32) Benzoic acid	10.10	122	133095	42.63	ng		97
34) Hexachlorobutadiene	11.15	225	111355	43.73	ng		95
35) Caprolactam	11.74	113	81342m	48.54	ng		
36) 4-Chloro-3-methylphenol	12.09	107	222320	51.13	ng		96
37) 2-Methylnaphthalene	12.46	142	434550	46.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	222281	43.99	ng		99
40) Hexachlorocyclopentadiene	12.81	237	257584	101.50	ng		97
42) 2,4,6-Trichlorophenol	13.07	196	167645	47.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.14	196	191967	50.01	ng		98
45) 1,1'-Biphenyl	13.47	154	595260	46.98	ng		100
46) 2-Chloronaphthalene	13.51	162	451148	46.22	ng		97
47) 2-Nitroaniline	13.71	65	121172	41.25	ng		96
48) Acenaphthylene	14.36	152	782396	45.34	ng		97
49) Dimethylphthalate	14.09	163	662292	50.20	ng		97
50) 2,6-Dinitrotoluene	14.20	165	141793	49.47	ng		89
51) Acenaphthene	14.70	154	484003	48.21	ng		100
52) 3-Nitroaniline	14.53	138	29195	8.52	ng		95
53) 2,4-Dinitrophenol	14.74	184	161691	108.46	ng		98
54) Dibenzofuran	15.03	168	774118	49.62	ng		98
55) 4-Nitrophenol	14.84	139	259270	98.05	ng		96
56) 2,4-Dinitrotoluene	14.99	165	215211	52.94	ng		98
57) Fluorene	15.68	166	655738	48.82	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.25	232	184026	51.12	ng		98
59) Diethylphthalate	15.45	149	666778	48.46	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	315134	48.83	ng		97
61) 4-Nitroaniline	15.69	138	67751	18.35	ng		98
62) Azobenzene	15.96	77	583027	47.94	ng		99
64) 4,6-Dinitro-2-methylphenol	15.75	198	107363	46.06	ng		95
65) n-Nitrosodiphenylamine	15.88	169	125339	9.95	ng		95
66) 4-Bromophenyl-phenylether	16.57	248	210880	47.68	ng		97
67) Hexachlorobenzene	16.69	284	231021	48.07	ng		96
69) Pentachlorophenol	17.03	266	310434	104.75	ng		94
70) Phenanthrene	17.42	178	1115876	48.78	ng		99
71) Anthracene	17.51	178	1124293	48.54	ng		100
72) Carbazole	17.77	167	269163	12.01	ng		95
73) Di-n-butylphthalate	18.33	149	1317922	49.84	ng		100
74) Fluoranthene	19.43	202	1414466	49.93	ng		99
77) Pyrene	19.78	202	1412552	47.76	ng		98
79) Butylbenzylphthalate	20.67	149	596868	49.64	ng		99
80) Benzo(a)anthracene	21.62	228	1350887	48.76	ng		96
82) Chrysene	21.68	228	1228937	47.10	ng		100
83) Bis(2-ethylhexyl)phthalate	21.52	149	876114	50.51	ng		99
84) Di-n-octyl phthalate	22.72	149	1474121	50.25	ng		98
85) Indeno(1,2,3-cd)pyrene	28.46	276	1420999	42.89	ng	#	100
87) Benzo(b)fluoranthene	23.82	252	1427212	79.12	ng		99
88) Benzo(k)fluoranthene	23.89	252	1310857	72.54	ng		98
89) Benzo(a)pyrene	24.68	252	1112540	64.83	ng		98
90) Dibenzo(a,h)anthracene	28.52	278	1270073	75.15	ng		98
91) Benzo(g,h,i)perylene	29.60	276	1115794	64.84	ng		99

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

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