Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077296.D
Acq On : 12 Feb 2015 22:17
Operator : TP/IZ
Sample : G1272-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1MS

Manual Integrations APPROVED
mohammad
2/13/2015 5:40:32 PM

Quant Time: Feb 13 05:20:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 03:50:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	25648	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	109643	20.00	ng		0.00
38) Acenaphthene-d10	14.52	164	54190	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	101902	20.00	ng		0.00
75) Chrysene-d12	20.95	240	94954	20.00	ng		-0.01
86) Perylene-d12	22.58	264	84288	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.51	112	222270	134.92	ng		0.02
7) Phenol-d6	6.93	99	264460	130.28	ng		0.00
23) Nitrobenzene-d5	8.82	82	205056	106.83	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	78788	178.30	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	418660	116.28	ng		0.00
78) Terphenyl-d14	19.69	244	430807	101.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.05	88	25154	40.65	ng		91
3) Pyridine	1.47	79	52320	31.90	ng		96
4) n-Nitrosodimethylamine	1.42	42	40911	49.57	ng	#	97
6) Aniline	6.81	93	24631	9.17	ng		96
8) 2-Chlorophenol	7.04	128	83304	44.76	ng		95
9) Benzaldehyde	6.54	77	4162m	3.33	ng		
10) Phenol	6.97	94	74050	35.49	ng		94
11) bis(2-Chloroethyl)ether	7.05	93	78150	47.00	ng		94
12) 1,3-Dichlorobenzene	7.33	146	90069	43.78	ng		97
13) 1,4-Dichlorobenzene	7.54	146	93848	44.24	ng		99
14) 1,2-Dichlorobenzene	7.85	146	89617	44.58	ng		99
15) Benzyl Alcohol	7.96	79	74925	46.60	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.30	45	106583	45.74	ng		92
17) 2-Methylphenol	8.33	107	63718	44.27	ng		96
18) Hexachloroethane	8.59	117	34899	45.29	ng		92
19) n-Nitroso-di-n-propylamine	8.59	70	64862	45.44	ng		94
20) 3+4-Methylphenols	8.72	107	76223m	41.10	ng		
22) Acetophenone	8.51	105	128295	48.72	ng		99
24) Nitrobenzene	8.85	77	88908	46.72	ng		98
25) Isophorone	9.46	82	172900	49.98	ng		97
26) 2-Nitrophenol	9.60	139	43612	46.16	ng		97
27) 2,4-Dimethylphenol	9.90	122	75315	48.43	ng		95
28) bis(2-Chloroethoxy)methane	10.10	93	105585	50.12	ng		99
29) 2,4-Dichlorophenol	10.22	162	65482m	46.08	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	75380	46.92	ng		100
31) Naphthalene	10.45	128	288291	53.27	ng		99
32) Benzoic acid	10.34	122	18094	63.12	ng		90
33) 4-Chloroaniline	10.75	127	23305m	10.67	ng		
34) Hexachlorobutadiene	10.82	225	43590	47.76	ng		99
35) Caprolactam	11.58	113	15419m	36.49	ng		
36) 4-Chloro-3-methylphenol	12.05	107	75192	47.30	ng		93
37) 2-Methylnaphthalene	12.11	142	194830	48.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	73250	53.71	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	74796	108.21	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	48299	53.76	ng		98
43) 2,4,5-Trichlorophenol	12.99	196	50053m	56.79	ng		
45) 1,1'-Biphenyl	13.27	154	219742	52.62	ng		100
46) 2-Chloronaphthalene	13.23	162	173996	52.18	ng		97
47) 2-Nitroaniline	13.60	65	54532	55.96	ng		92
48) Acenaphthylene	14.18	152	282583	53.70	ng		100
49) Dimethylphthalate	14.16	163	213337	54.44	ng		99
50) 2,6-Dinitrotoluene	14.25	165	43422	57.31	ng		91
51) Acenaphthene	14.60	154	158689	52.07	ng		97
52) 3-Nitroaniline	14.60	138	15547	16.77	ng	#	97
53) 2,4-Dinitrophenol	14.89	184	33510	111.22	ng	#	75
54) Dibenzofuran	15.03	168	245798	52.17	ng		97
55) 4-Nitrophenol	15.23	139	44208	98.00	ng		99
56) 2,4-Dinitrotoluene	15.19	165	61411	56.62	ng		96
57) Fluorene	15.80	166	205367	53.24	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	34170	57.60	ng	#	100
59) Diethylphthalate	15.83	149	228013	55.87	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	87099	54.30	ng		97
61) 4-Nitroaniline	15.99	138	38027	43.99	ng		99
62) Azobenzene	16.21	77	198331m	50.95	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	28558	48.20	ng		94
65) n-Nitrosodiphenylamine	16.18	169	171321	47.14	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	50425	47.35	ng		97
67) Hexachlorobenzene	16.81	284	52407	48.33	ng		89
68) Atrazine	17.20	200	57741	50.16	ng		93
69) Pentachlorophenol	17.20	266	37970	108.46	ng		94
70) Phenanthrene	17.47	178	306019	49.79	ng		99
71) Anthracene	17.55	178	299781	48.62	ng		100
72) Carbazole	17.85	167	283337	48.11	ng		100
73) Di-n-butylphthalate	18.45	149	379677	50.65	ng		99
74) Fluoranthene	19.13	202	300580	47.48	ng		98
76) Benzidine	19.39	184	20748m	5.39	ng		
77) Pyrene	19.41	202	318293	50.26	ng		99
79) Butylbenzylphthalate	20.36	149	174112	54.30	ng		91
80) Benzo(a)anthracene	20.95	228	284694	48.71	ng		98
81) 3,3'-Dichlorobenzidine	20.96	252	44357	21.64	ng	#	97
82) Chrysene	20.98	228	264180	49.88	ng		100
83) Bis(2-ethylhexyl)phthalate	21.11	149	260718	54.65	ng	#	99
84) Di-n-octyl phthalate	21.86	149	443379	54.04	ng		100
85) Indeno(1,2,3-cd)pyrene	23.64	276	277303m	53.85	ng		
87) Benzo(b)fluoranthene	22.18	252	277134	46.17	ng		99
88) Benzo(k)fluoranthene	22.20	252	258244m	56.96	ng		
89) Benzo(a)pyrene	22.52	252	246928	49.41	ng	#	97
90) Dibenzo(a,h)anthracene	23.67	278	232198m	52.31	ng		
91) Benzo(g,h,i)perylene	23.89	276	230619m	52.51	ng		

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

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