Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
Data File : BF077299.D
Acq On : 13 Feb 2015 00:01
Operator : TP/IZ
Sample : G1253-05MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-SLDG-WT-70MS

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

Quant Time: Feb 13 12:02:31 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	7.50	152	77632	20.00	ng		0.01
21) Naphthalene-d8	10.42	136	324037	20.00	ng		0.01
38) Acenaphthene-d10	14.53	164	159027	20.00	ng		0.01
63) Phenanthrene-d10	17.44	188	294359	20.00	ng		0.00
75) Chrysene-d12	20.96	240	268196	20.00	ng		0.00
86) Perylene-d12	22.58	264	234258	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.51	112	248071	50.60	ng		0.02
7) Phenol-d6	7.00	99	295077	48.02	ng		0.07
23) Nitrobenzene-d5	8.82	82	231060	40.73	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	89966	69.38	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	464787	43.99	ng		0.00
78) Terphenyl-d14	19.70	244	478907	40.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.05	88	25295	13.51	ng		96
3) Pyridine	1.47	79	58601	11.81	ng		94
4) n-Nitrosodimethylamine	1.42	42	41791	8.70	ng		97
6) Aniline	6.80	93	79612	9.79	ng		99
8) 2-Chlorophenol	7.06	128	107999	19.17	ng		84
10) Phenol	7.05	94	101021m	16.00	ng		
11) bis(2-Chloroethyl)ether	7.05	93	99555	19.78	ng		94
12) 1,3-Dichlorobenzene	7.34	146	104954	16.85	ng		95
13) 1,4-Dichlorobenzene	7.54	146	105844	16.48	ng		94
14) 1,2-Dichlorobenzene	7.85	146	105527	17.34	ng		99
15) Benzyl Alcohol	7.97	79	135246	27.79	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	127395	18.06	ng		89
17) 2-Methylphenol	8.34	107	77899	17.88	ng		96
18) Hexachloroethane	8.59	117	38785	16.63	ng		94
19) n-Nitroso-di-n-propylamine	8.60	70	83929	19.43	ng		99
20) 3+4-Methylphenols	8.73	107	109649m	19.45	ng		
22) Acetophenone	8.51	105	157527	20.24	ng		99
24) Nitrobenzene	8.86	77	109140	19.40	ng		95
25) Isophorone	9.47	82	207007	20.25	ng		96
26) 2-Nitrophenol	9.60	139	53034	19.87	ng		98
27) 2,4-Dimethylphenol	9.92	122	96224	20.94	ng		92
28) bis(2-Chloroethoxy)methane	10.10	93	130021	20.89	ng		98
29) 2,4-Dichlorophenol	10.22	162	86472m	20.59	ng		
30) 1,2,4-Trichlorobenzene	10.33	180	86728	18.27	ng		97
31) Naphthalene	10.46	128	367453	22.97	ng		98
32) Benzoic acid	10.64	122	56871m	66.26	ng		
33) 4-Chloroaniline	10.75	127	26850m	4.16	ng		
34) Hexachlorobutadiene	10.83	225	50018	18.54	ng		95
35) Caprolactam	11.57	113	5742	11.59	ng	#	44
36) 4-Chloro-3-methylphenol	12.04	107	93156	19.83	ng		99
37) 2-Methylnaphthalene	12.11	142	222272	18.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	80007	19.99	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	81361	45.25	ng		93
42) 2,4,6-Trichlorophenol	12.89	196	58856	22.59	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.99	196	61106	23.86	ng	#	92
45) 1,1'-Biphenyl	13.27	154	251325	20.51	ng		99
46) 2-Chloronaphthalene	13.24	162	199418	20.38	ng		97
47) 2-Nitroaniline	13.61	65	65247	22.82	ng		90
48) Acenaphthylene	14.18	152	320648	20.77	ng		99
49) Dimethylphthalate	14.17	163	251001	21.82	ng		99
50) 2,6-Dinitrotoluene	14.25	165	51103	22.98	ng		95
51) Acenaphthene	14.60	154	180336	20.17	ng		99
52) 3-Nitroaniline	14.60	138	14888	5.48	ng		96
53) 2,4-Dinitrophenol	14.89	184	44826	61.61	ng	#	70
54) Dibenzofuran	15.03	168	289312	20.92	ng		100
55) 4-Nitrophenol	15.24	139	57325	43.30	ng		95
56) 2,4-Dinitrotoluene	15.19	165	72645	23.02	ng		99
57) Fluorene	15.81	166	236901	20.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	44931	25.81	ng	#	100
59) Diethylphthalate	15.84	149	266957	22.29	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	102254	21.72	ng		98
61) 4-Nitroaniline	16.00	138	42448	16.57	ng		89
62) Azobenzene	16.21	77	238701m	20.90	ng		
64) 4,6-Dinitro-2-methylphenol	16.07	198	32659	23.41	ng		95
65) n-Nitrosodiphenylamine	16.18	169	198776	18.93	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	60415	19.64	ng		97
67) Hexachlorobenzene	16.81	284	59271	18.92	ng		97
68) Atrazine	17.21	200	60264	18.12	ng		95
69) Pentachlorophenol	17.20	266	52558	57.18	ng		98
70) Phenanthrene	17.47	178	339546	19.12	ng		99
71) Anthracene	17.55	178	331070	18.59	ng		99
72) Carbazole	17.85	167	318362	18.71	ng		99
73) Di-n-butylphthalate	18.45	149	545278	25.18	ng		100
74) Fluoranthene	19.13	202	351052	19.20	ng		97
76) Benzidine	19.39	184	70228	6.46	ng		97
77) Pyrene	19.41	202	352750	19.72	ng		99
79) Butylbenzylphthalate	20.36	149	257375	28.42	ng		98
80) Benzo(a)anthracene	20.95	228	327053	19.81	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	71678	12.38	ng		99
82) Chrysene	20.99	228	285175	19.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.11	149	310599	23.05	ng		98
84) Di-n-octyl phthalate	21.87	149	525151	22.66	ng		99
85) Indeno(1,2,3-cd)pyrene	23.64	276	305518m	21.00	ng		
87) Benzo(b)fluoranthene	22.18	252	288872m	17.32	ng		
88) Benzo(k)fluoranthene	22.21	252	293301m	23.28	ng		
89) Benzo(a)pyrene	22.52	252	281013	20.23	ng		98
90) Dibenzo(a,h)anthracene	23.67	278	262536m	21.28	ng		
91) Benzo(g,h,i)perylene	23.89	276	245402m	20.11	ng		

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

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