Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
Data File : BF077236.D
Acq On : 10 Feb 2015 14:14
Operator : TP/IZ
Sample : PB81636BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81636BS

Manual Integrations APPROVED
apatel
2/11/2015 4:06:20 PM

Quant Time: Feb 11 04:45:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	27246	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	119463	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	69083	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	116153	20.00	ng		0.00
75) Chrysene-d12	21.01	240	112534	20.00	ng		0.00
86) Perylene-d12	22.67	264	93468	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.60	112	193123	116.54	ng		0.01
7) Phenol-d6	7.01	99	240969	115.27	ng		0.00
23) Nitrobenzene-d5	8.90	82	153610	71.24	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	58727	104.73	ng		0.00
44) 2-Fluorobiphenyl	13.16	172	321471	70.82	ng		0.00
78) Terphenyl-d14	19.76	244	357490	73.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.07	88	20750	29.24	ng		91
3) Pyridine	1.50	79	51930	28.28	ng		91
4) n-Nitrosodimethylamine	1.46	42	33598	36.94	ng		98
6) Aniline	6.89	93	48824	16.88	ng		99
8) 2-Chlorophenol	7.13	128	69450	36.35	ng		97
10) Phenol	7.04	94	77335	34.84	ng		90
11) bis(2-Chloroethyl)ether	7.14	93	66320	38.18	ng	#	86
12) 1,3-Dichlorobenzene	7.44	146	74384	34.22	ng		98
13) 1,4-Dichlorobenzene	7.63	146	75115	32.59	ng		98
14) 1,2-Dichlorobenzene	7.94	146	73222	34.48	ng		97
15) Benzyl Alcohol	8.05	79	59498	35.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	88443	37.88	ng		84
17) 2-Methylphenol	8.41	107	52921	33.90	ng		98
18) Hexachloroethane	8.68	117	29463	36.75	ng		97
19) n-Nitroso-di-n-propylamine	8.68	70	51870	35.45	ng		98
20) 3+4-Methylphenols	8.80	107	65616m	31.74	ng		
22) Acetophenone	8.60	105	103508	35.37	ng		96
24) Nitrobenzene	8.94	77	73418	33.42	ng		97
25) Isophorone	9.55	82	134203	34.17	ng		97
26) 2-Nitrophenol	9.69	139	31819	29.01	ng	#	82
27) 2,4-Dimethylphenol	9.98	122	59672	35.13	ng		97
28) bis(2-Chloroethoxy)methane	10.18	93	84914	38.04	ng		95
29) 2,4-Dichlorophenol	10.30	162	54833m	34.63	ng		
30) 1,2,4-Trichlorobenzene	10.42	180	62448	35.51	ng		99
31) Naphthalene	10.54	128	208476	33.90	ng		99
32) Benzoic acid	10.40	122	9853m	10.47	ng		
33) 4-Chloroaniline	10.82	127	52760m	21.23	ng		
34) Hexachlorobutadiene	10.92	225	34128	32.71	ng		90
35) Caprolactam	11.66	113	15252m	32.72	ng		
36) 4-Chloro-3-methylphenol	12.12	107	59397	32.77	ng		96
37) 2-Methylnaphthalene	12.20	142	147471	35.11	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	58697	34.37	ng		98
40) Hexachlorocyclopentadiene	12.59	237	57094	63.12	ng		98
42) 2,4,6-Trichlorophenol	12.97	196	35740m	28.72	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.07	196	37275m	29.37	ng		
45) 1,1'-Biphenyl	13.36	154	174466	34.07	ng		99
46) 2-Chloronaphthalene	13.33	162	138813	32.94	ng		98
47) 2-Nitroaniline	13.69	65	45359	35.48	ng		99
48) Acenaphthylene	14.27	152	231753	32.60	ng		99
49) Dimethylphthalate	14.24	163	179560	36.65	ng		98
50) 2,6-Dinitrotoluene	14.33	165	36190	36.97	ng	#	84
51) Acenaphthene	14.69	154	129081	32.00	ng		96
52) 3-Nitroaniline	14.68	138	27254	22.33	ng		86
53) 2,4-Dinitrophenol	14.98	184	19211	47.43	ng	#	87
54) Dibenzofuran	15.13	168	205449	34.97	ng		99
55) 4-Nitrophenol	15.30	139	40035	52.13	ng		98
56) 2,4-Dinitrotoluene	15.28	165	49948	34.65	ng		95
57) Fluorene	15.89	166	169091	33.97	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.49	232	25194	27.26	ng	#	84
59) Diethylphthalate	15.91	149	186539	37.67	ng		99
60) 4-Chlorophenyl-phenylether	16.00	204	74453	36.56	ng		90
61) 4-Nitroaniline	16.07	138	34597	28.63	ng		98
62) Azobenzene	16.29	77	169009m	32.76	ng		
64) 4,6-Dinitro-2-methylphenol	16.13	198	21533	30.17	ng	#	70
65) n-Nitrosodiphenylamine	16.25	169	143383	34.62	ng		97
66) 4-Bromophenyl-phenylether	16.87	248	43044	36.58	ng		96
67) Hexachlorobenzene	16.88	284	43366	34.97	ng	#	81
68) Atrazine	17.27	200	48708	38.76	ng		96
69) Pentachlorophenol	17.27	266	25028	47.11	ng		98
70) Phenanthrene	17.54	178	247930	34.23	ng		99
71) Anthracene	17.62	178	248072	35.12	ng		98
72) Carbazole	17.92	167	234485	34.23	ng		98
73) Di-n-butylphthalate	18.51	149	307295	38.75	ng	#	98
74) Fluoranthene	19.20	202	264673	35.66	ng		98
76) Benzidine	19.45	184	97449	27.06	ng		99
77) Pyrene	19.48	202	264010	34.23	ng		98
79) Butylbenzylphthalate	20.42	149	135159	38.70	ng		94
80) Benzo(a)anthracene	21.00	228	231658	32.81	ng		98
81) 3,3'-Dichlorobenzidine	21.03	252	50106	22.33	ng	#	96
82) Chrysene	21.05	228	224384	34.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.16	149	190273	39.37	ng	#	97
84) Di-n-octyl phthalate	21.93	149	334714	39.91	ng		99
85) Indeno(1,2,3-cd)pyrene	23.78	276	214106m	31.38	ng		
87) Benzo(b)fluoranthene	22.26	252	228629	36.32	ng	#	95
88) Benzo(k)fluoranthene	22.28	252	199647m	36.30	ng		
89) Benzo(a)pyrene	22.60	252	198484	35.74	ng	#	96
90) Dibenzo(a,h)anthracene	23.80	278	177728m	34.88	ng		
91) Benzo(g,h,i)perylene	24.04	276	178442m	35.23	ng		

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

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