Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
Data File : BF077257.D
Acq On : 11 Feb 2015 16:59
Operator : TP/IZ
Sample : PB81702BS
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : PB81702BS

Manual Integrations APPROVED
apatel
2/12/2015 4:13:30 PM

Quant Time: Feb 12 01:24:19 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	7.54	152	69859	40.00	ng		-0.06
21) Naphthalene-d8	10.45	136	299444m	40.00	ng		-0.05
38) Acenaphthene-d10	14.58	164	146689	40.00	ng		-0.05
63) Phenanthrene-d10	17.47	188	260901	40.00	ng		-0.03
75) Chrysene-d12	20.99	240	239633	40.00	ng		-0.02
86) Perylene-d12	22.67	264	208610	40.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.54	112	227903	107.28	ng		-0.05
7) Phenol-d6	6.97	99	284889	106.30	ng		-0.05
23) Nitrobenzene-d5	8.85	82	178858	66.18	ng		-0.05
41) 2,4,6-Tribromophenol	16.34	330	66424	111.57	ng		-0.03
44) 2-Fluorobiphenyl	13.12	172	367827	76.32	ng		-0.05
78) Terphenyl-d14	19.72	244	366566	70.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.05	88	20304	22.32	ng	#	96
3) Pyridine	1.47	79	62729	26.65	ng		95
4) n-Nitrosodimethylamine	1.44	42	30341	26.02	ng	#	96
6) Aniline	6.83	93	58301	15.72	ng		96
8) 2-Chlorophenol	7.07	128	80797	32.99	ng		98
10) Phenol	7.00	94	82943	29.15	ng		91
11) bis(2-Chloroethyl)ether	7.09	93	71859	32.27	ng	#	77
12) 1,3-Dichlorobenzene	7.38	146	81670	29.31	ng		97
13) 1,4-Dichlorobenzene	7.58	146	84117	28.47	ng		98
14) 1,2-Dichlorobenzene	7.89	146	81700	30.01	ng		99
15) Benzyl Alcohol	8.00	79	69530	32.06	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	100282	33.50	ng		75
17) 2-Methylphenol	8.36	107	60099	30.03	ng		96
18) Hexachloroethane	8.64	117	32016	31.15	ng		100
19) n-Nitroso-di-n-propylamine	8.64	70	58885	31.39	ng		97
20) 3+4-Methylphenols	8.75	107	81552m	30.77	ng		
22) Acetophenone	8.54	105	116825	31.86	ng		99
24) Nitrobenzene	8.90	77	82919	30.12	ng		96
25) Isophorone	9.50	82	155366	31.57	ng		95
26) 2-Nitrophenol	9.64	139	41062	31.59	ng	#	91
27) 2,4-Dimethylphenol	9.94	122	73004	34.29	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	95409	34.11	ng		99
29) 2,4-Dichlorophenol	10.26	162	69788m	35.17	ng		
30) 1,2,4-Trichlorobenzene	10.37	180	69784	31.66	ng		93
31) Naphthalene	10.50	128	240464	31.20	ng		99
32) Benzoic acid	10.35	122	18918m	16.04	ng		
33) 4-Chloroaniline	10.77	127	51880m	16.66	ng		
34) Hexachlorobutadiene	10.87	225	40979	31.34	ng		100
35) Caprolactam	11.62	113	19117m	32.73	ng		
36) 4-Chloro-3-methylphenol	12.09	107	69414	30.55	ng		96
37) 2-Methylnaphthalene	12.16	142	170850	32.46	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	68720	37.90	ng		97
40) Hexachlorocyclopentadiene	12.55	237	66599	73.48	ng		96
42) 2,4,6-Trichlorophenol	12.92	196	45527	34.46	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.03	196	43108m	31.99	ng		
45) 1,1'-Biphenyl	13.31	154	200899	36.95	ng		99
46) 2-Chloronaphthalene	13.29	162	163322	36.50	ng		96
47) 2-Nitroaniline	13.64	65	49242	36.28	ng		87
48) Acenaphthylene	14.23	152	263294	34.89	ng		98
49) Dimethylphthalate	14.20	163	192970	37.10	ng		99
50) 2,6-Dinitrotoluene	14.29	165	38674	37.21	ng		91
51) Acenaphthene	14.65	154	148756	34.74	ng		97
52) 3-Nitroaniline	14.64	138	26036	22.09	ng		91
53) 2,4-Dinitrophenol	14.93	184	25866	68.75	ng		93
54) Dibenzofuran	15.08	168	231762	37.15	ng		98
55) 4-Nitrophenol	15.27	139	43022	52.77	ng		95
56) 2,4-Dinitrotoluene	15.23	165	55517	38.29	ng		95
57) Fluorene	15.85	166	191138	36.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	29192	29.75	ng	#	91
59) Diethylphthalate	15.87	149	204841	38.97	ng		100
60) 4-Chlorophenyl-phenylether	15.95	204	80404	37.19	ng		94
61) 4-Nitroaniline	16.02	138	37287	30.47	ng		96
62) Azobenzene	16.25	77	185995m	33.96	ng		
64) 4,6-Dinitro-2-methylphenol	16.10	198	23962	33.22	ng	#	74
65) n-Nitrosodiphenylamine	16.21	169	156686	33.69	ng		96
66) 4-Bromophenyl-phenylether	16.83	248	47872	36.22	ng		98
67) Hexachlorobenzene	16.84	284	45902	32.96	ng	#	78
68) Atrazine	17.23	200	50008	35.43	ng		95
69) Pentachlorophenol	17.23	266	27900	53.73	ng		97
70) Phenanthrene	17.51	178	258040	31.72	ng		99
71) Anthracene	17.59	178	260385	32.82	ng		99
72) Carbazole	17.88	167	252320	32.79	ng		99
73) Di-n-butylphthalate	18.49	149	329661	37.01	ng		99
74) Fluoranthene	19.16	202	261975	31.43	ng		99
76) Benzidine	19.41	184	111845	29.17	ng		98
77) Pyrene	19.45	202	271892	33.11	ng		99
79) Butylbenzylphthalate	20.40	149	139152	37.42	ng		95
80) Benzo(a)anthracene	20.98	228	252468	33.58	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	55539	23.25	ng		99
82) Chrysene	21.01	228	210326	30.68	ng		97
83) Bis(2-ethylhexyl)phthalate	21.14	149	201421	39.14	ng		99
84) Di-n-octyl phthalate	21.92	149	340037	38.08	ng		98
85) Indeno(1,2,3-cd)pyrene	23.84	276	225862m	31.09	ng		
87) Benzo(b)fluoranthene	22.25	252	221098	31.47	ng	#	96
88) Benzo(k)fluoranthene	22.28	252	206644m	33.67	ng		
89) Benzo(a)pyrene	22.61	252	213257	34.42	ng		98
90) Dibenzo(a,h)anthracene	23.86	278	190084m	33.43	ng		
91) Benzo(g,h,i)perylene	24.11	276	182954m	32.37	ng		

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

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