Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078406.D
Acq On : 10 Apr 2015 18:26
Operator : TP/IZ
Sample : PB82775BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82775BS

Manual Integrations APPROVED
apatel
4/14/2015 5:30:07 PM

Quant Time: Apr 13 10:56:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	35019	20.00	ng		0.00
21) Naphthalene-d8	8.44	136	146114	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	72336	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	151611	20.00	ng		0.00
75) Chrysene-d12	15.68	240	164275	20.00	ng		-0.01
86) Perylene-d12	17.38	264	168313	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	227942	107.32	ng		0.00
7) Phenol-d6	6.46	99	291269	109.43	ng		0.00
23) Nitrobenzene-d5	7.56	82	169738	70.41	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	70393	117.34	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	340781	67.34	ng		0.00
78) Terphenyl-d14	14.41	244	405814	55.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	37816m	39.37	ng		
3) Pyridine	2.26	79	70647	28.08	ng		93
4) n-Nitrosodimethylamine	2.20	42	33330m	34.42	ng		
6) Aniline	6.45	93	51698	13.70	ng	#	87
8) 2-Chlorophenol	6.59	128	86157	34.31	ng		97
9) Benzaldehyde	6.29	77	27180	15.41	ng		89
10) Phenol	6.48	94	111832	35.06	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	77298	33.70	ng		95
12) 1,3-Dichlorobenzene	6.77	146	88920	32.23	ng		99
13) 1,4-Dichlorobenzene	6.88	146	87646	31.56	ng		99
14) 1,2-Dichlorobenzene	7.06	146	85823	32.96	ng		99
15) Benzyl Alcohol	7.06	79	68763	36.76	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	105028	34.33	ng		98
17) 2-Methylphenol	7.22	107	66841	34.28	ng		96
18) Hexachloroethane	7.48	117	30339	32.40	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	56737	32.31	ng	#	84
20) 3+4-Methylphenols	7.42	107	91214	35.07	ng		93
22) Acetophenone	7.38	105	117947	34.65	ng	#	93
24) Nitrobenzene	7.58	77	88154	34.98	ng		90
25) Isophorone	7.88	82	148948	32.56	ng	#	92
26) 2-Nitrophenol	7.97	139	40579	33.79	ng	#	76
27) 2,4-Dimethylphenol	8.06	122	78043	34.95	ng		94
28) bis(2-Chloroethoxy)methane	8.18	93	98515	33.58	ng		99
29) 2,4-Dichlorophenol	8.28	162	73450	36.15	ng		90
30) 1,2,4-Trichlorobenzene	8.37	180	74972	32.19	ng		97
31) Naphthalene	8.46	128	250132	32.89	ng		99
32) Benzoic acid	8.19	122	42161	41.09	ng		92
33) 4-Chloroaniline	8.56	127	47662	15.10	ng		96
34) Hexachlorobutadiene	8.62	225	41935	32.79	ng		97
35) Caprolactam	8.97	113	23932	39.46	ng		99
36) 4-Chloro-3-methylphenol	9.17	107	75907	37.03	ng		92
37) 2-Methylnaphthalene	9.32	142	170458	33.01	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	71670	31.98	ng		98
40) Hexachlorocyclopentadiene	9.50	237	61524	65.15	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	49899	35.30	ng		99
43) 2,4,5-Trichlorophenol	9.73	196	52681	35.67	ng	#	83
45) 1,1'-Biphenyl	9.90	154	202483	34.22	ng		99
46) 2-Chloronaphthalene	9.92	162	160365	34.45	ng		97
47) 2-Nitroaniline	10.05	65	44265	38.43	ng		92
48) Acenaphthylene	10.42	152	260649	34.67	ng		100
49) Dimethylphthalate	10.29	163	181455	33.39	ng		99
50) 2,6-Dinitrotoluene	10.37	165	39885	35.67	ng		93
51) Acenaphthene	10.64	154	145839	34.46	ng		100
52) 3-Nitroaniline	10.57	138	30293	23.83	ng		90
53) 2,4-Dinitrophenol	10.70	184	27680	68.62	ng		95
54) Dibenzofuran	10.85	168	224096	34.67	ng		93
55) 4-Nitrophenol	10.81	139	66191	71.03	ng	#	77
56) 2,4-Dinitrotoluene	10.86	165	54517	37.65	ng		90
57) Fluorene	11.27	166	185817	35.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	41263	37.69	ng		99
59) Diethylphthalate	11.17	149	185961	35.49	ng		99
60) 4-Chlorophenyl-phenylether	11.29	204	86710	35.97	ng	#	90
61) 4-Nitroaniline	11.31	138	40885	31.81	ng		89
62) Azobenzene	11.48	77	193232	40.41	ng		88
64) 4,6-Dinitro-2-methylphenol	11.36	198	23022	33.70	ng	#	74
65) n-Nitrosodiphenylamine	11.44	169	158617	30.25	ng		99
66) 4-Bromophenyl-phenylether	11.88	248	48995	30.51	ng		95
67) Hexachlorobenzene	11.94	284	55367	31.47	ng		94
68) Atrazine	12.12	200	52766	34.74	ng		96
69) Pentachlorophenol	12.19	266	53565	69.75	ng		99
70) Phenanthrene	12.44	178	276662	31.55	ng		99
71) Anthracene	12.51	178	287194	33.23	ng		100
72) Carbazole	12.73	167	288463	35.62	ng		99
73) Di-n-butylphthalate	13.20	149	307081	33.47	ng		99
74) Fluoranthene	13.91	202	307223	33.22	ng		99
76) Benzidine	14.11	184	102075	16.14	ng		97
77) Pyrene	14.18	202	335983	32.58	ng		99
79) Butylbenzylphthalate	15.04	149	139737	35.55	ng		87
80) Benzo(a)anthracene	15.67	228	320266	32.77	ng		98
81) 3,3'-Dichlorobenzidine	15.65	252	55127	16.84	ng	#	96
82) Chrysene	15.71	228	306324	33.36	ng		100
83) Bis(2-ethylhexyl)phthalate	15.76	149	201623	32.71	ng	#	94
84) Di-n-octyl phthalate	16.55	149	359973	35.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.63	276	380557	36.52	ng	#	87
87) Benzo(b)fluoranthene	16.95	252	392503	37.73	ng	#	97
88) Benzo(k)fluoranthene	16.98	252	261120m	28.25	ng		
89) Benzo(a)pyrene	17.32	252	327049	36.02	ng		99
90) Dibenzo(a,h)anthracene	18.65	278	302026	33.23	ng		96
91) Benzo(g,h,i)perylene	18.98	276	308187	33.82	ng		99

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

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