Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085261.D
Acq On : 8 Mar 2016 17:50
Operator : UM/SJ
Sample : PB88766BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88766BS

Manual Integrations APPROVED
UMANGI
3/9/2016 3:26:36 PM

Quant Time: Mar 09 11:14:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	149489	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	575207	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	270541	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	529082	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	375043	20.00	ng		-0.02
86) Perylene-d12	15.59	264	284623	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1148168	128.83	ng		0.00
7) Phenol-d6	6.58	99	1349469	115.58	ng		-0.02
23) Nitrobenzene-d5	7.52	82	889471	82.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	317389	137.11	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1559268	87.65	ng		-0.02
78) Terphenyl-d14	13.08	244	1517744	93.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	146212	32.08	ng		99
3) Pyridine	3.48	79	431077	37.79	ng		98
4) n-Nitrosodimethylamine	3.42	42	186260	38.15	ng		100
6) Aniline	6.62	93	332842	20.34	ng		99
8) 2-Chlorophenol	6.74	128	424134	39.53	ng		99
9) Benzaldehyde	6.50	77	125144	19.55	ng		99
10) Phenol	6.60	94	428794m	34.29	ng		
11) bis(2-Chloroethyl)ether	6.70	93	427942	41.20	ng		96
12) 1,3-Dichlorobenzene	6.90	146	456621	39.64	ng		98
13) 1,4-Dichlorobenzene	6.97	146	444572	38.51	ng		98
14) 1,2-Dichlorobenzene	7.13	146	442301	42.23	ng		99
15) Benzyl Alcohol	7.10	79	351246	40.98	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	525848	35.12	ng		100
17) 2-Methylphenol	7.21	107	374298	42.75	ng		99
18) Hexachloroethane	7.48	117	167446	39.32	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	287228	37.74	ng	#	91
20) 3+4-Methylphenols	7.36	107	414903	40.01	ng		96
22) Acetophenone	7.37	105	572718	40.79	ng	#	94
24) Nitrobenzene	7.54	77	490084	44.88	ng		95
25) Isophorone	7.78	82	827082	41.52	ng		97
26) 2-Nitrophenol	7.86	139	231271	43.52	ng		95
27) 2,4-Dimethylphenol	7.90	122	429537	44.23	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	465858	41.99	ng		100
29) 2,4-Dichlorophenol	8.10	162	359891	45.95	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	344950	40.74	ng		100
31) Naphthalene	8.26	128	1169487	41.35	ng		99
32) Benzoic acid	8.00	122	260052	40.32	ng		99
33) 4-Chloroaniline	8.31	127	127901	11.18	ng		94
34) Hexachlorobutadiene	8.39	225	191533	43.47	ng		99
35) Caprolactam	8.69	113	122638m	47.95	ng		
36) 4-Chloro-3-methylphenol	8.79	107	385573	43.40	ng		97
37) 2-Methylnaphthalene	8.96	142	842057	46.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	310429	40.12	ng		98
40) Hexachlorocyclopentadiene	9.12	237	365632	87.62	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	249094	43.25	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	242400	44.39	ng	#	87
45) 1,1'-Biphenyl	9.43	154	912018	39.46	ng		92
46) 2-Chloronaphthalene	9.45	162	733616	41.64	ng		98
47) 2-Nitroaniline	9.54	65	246550	45.16	ng	#	76
48) Acenaphthylene	9.86	152	1115770	40.69	ng		98
49) Dimethylphthalate	9.73	163	920563	44.33	ng		99
50) 2,6-Dinitrotoluene	9.78	165	192737	43.39	ng		97
51) Acenaphthene	10.04	154	773464	46.46	ng		99
52) 3-Nitroaniline	9.94	138	99919	18.80	ng	#	74
53) 2,4-Dinitrophenol	10.06	184	203306	89.16	ng	#	49
54) Dibenzofuran	10.21	168	974622	44.68	ng		98
55) 4-Nitrophenol	10.12	139	367759	88.05	ng		90
56) 2,4-Dinitrotoluene	10.18	165	235623	41.45	ng		89
57) Fluorene	10.55	166	731732	42.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	182998	47.70	ng		100
59) Diethylphthalate	10.42	149	867806	43.07	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	337254	40.45	ng		90
61) 4-Nitroaniline	10.56	138	211401	42.53	ng		99
62) Azobenzene	10.70	77	914245	46.05	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	144093	45.49	ng		85
65) n-Nitrosodiphenylamine	10.66	169	730188	44.37	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	203108	39.54	ng	#	87
67) Hexachlorobenzene	11.10	284	223479	40.78	ng	#	86
68) Atrazine	11.19	200	249757	54.57	ng		94
69) Pentachlorophenol	11.29	266	279755	91.96	ng		98
70) Phenanthrene	11.51	178	1116817	40.28	ng		99
71) Anthracene	11.57	178	1265632	43.00	ng		100
72) Carbazole	11.72	167	1024195	39.68	ng		98
73) Di-n-butylphthalate	12.05	149	1367551	41.92	ng		99
74) Fluoranthene	12.70	202	1110851	39.92	ng		97
76) Benzidine	12.81	184	403159	36.12	ng		99
77) Pyrene	12.93	202	1108993	39.29	ng		99
79) Butylbenzylphthalate	13.55	149	563573	44.00	ng	#	83
80) Benzo(a)anthracene	14.12	228	923558	41.14	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	107601	15.19	ng		99
82) Chrysene	14.15	228	723079	34.86	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	691222	41.01	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1085627	42.29	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	664427	41.05	ng		98
87) Benzo(b)fluoranthene	15.16	252	885651	46.68	ng		99
88) Benzo(k)fluoranthene	15.19	252	605626m	39.58	ng		
89) Benzo(a)pyrene	15.53	252	717224	45.62	ng		98
90) Dibenzo(a,h)anthracene	17.08	278	557043	41.51	ng		97
91) Benzo(g,h,i)perylene	17.50	276	552925	40.98	ng		100

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

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