Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085377.D
Acq On : 11 Mar 2016 17:36
Operator : UM/SJ
Sample : PB88818BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:05 AM

Quant Time: Mar 14 02:03:53 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	6.94	152	174670	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	681258	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	295908	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	515394	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	288112	20.00	ng		-0.05
86) Perylene-d12	15.57	264	281304	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1310199	125.82	ng		-0.02
7) Phenol-d6	6.57	99	1637972	120.06	ng		-0.03
23) Nitrobenzene-d5	7.50	82	987710	77.58	ng		-0.05
41) 2,4,6-Tribromophenol	10.78	330	352918	139.38	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1689123	86.81	ng		-0.05
78) Terphenyl-d14	13.05	244	1190987	95.96	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	162838	30.58	ng		99
3) Pyridine	3.48	79	436351	32.74	ng		97
4) n-Nitrosodimethylamine	3.42	42	216330	37.92	ng		99
6) Aniline	6.60	93	424732	22.21	ng		97
8) 2-Chlorophenol	6.72	128	484985	38.69	ng		98
9) Benzaldehyde	6.48	77	119851	15.27	ng		93
10) Phenol	6.58	94	614229m	42.04	ng		
11) bis(2-Chloroethyl)ether	6.68	93	469960m	38.72	ng		
12) 1,3-Dichlorobenzene	6.88	146	503338	37.40	ng		98
13) 1,4-Dichlorobenzene	6.95	146	477250	35.38	ng		98
14) 1,2-Dichlorobenzene	7.11	146	495476	40.48	ng		97
15) Benzyl Alcohol	7.08	79	391292	39.07	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	570424	32.61	ng		98
17) 2-Methylphenol	7.19	107	403599	39.45	ng		98
18) Hexachloroethane	7.45	117	192530	38.69	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	300439	33.79	ng	#	90
20) 3+4-Methylphenols	7.34	107	463348	38.24	ng	#	90
22) Acetophenone	7.35	105	626110	37.65	ng	#	97
24) Nitrobenzene	7.52	77	541602	41.88	ng		95
25) Isophorone	7.76	82	920660	39.02	ng		97
26) 2-Nitrophenol	7.84	139	262900	41.77	ng		94
27) 2,4-Dimethylphenol	7.88	122	488012	42.43	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	534407	40.67	ng		99
29) 2,4-Dichlorophenol	8.08	162	398884	43.00	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	390555	38.94	ng		99
31) Naphthalene	8.24	128	1272172	37.98	ng		99
32) Benzoic acid	7.99	122	309422	40.50	ng		98
33) 4-Chloroaniline	8.29	127	153401	11.32	ng		96
34) Hexachlorobutadiene	8.37	225	213468	40.91	ng		100
35) Caprolactam	8.66	113	124272m	41.02	ng		
36) 4-Chloro-3-methylphenol	8.78	107	439565	41.77	ng		90
37) 2-Methylnaphthalene	8.94	142	919116	42.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	349580	41.31	ng		98
40) Hexachlorocyclopentadiene	9.09	237	372265	81.56	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	259041	41.12	ng		98
43) 2,4,5-Trichlorophenol	9.26	196	270802	45.34	ng	#	94
45) 1,1'-Biphenyl	9.41	154	1037529	41.04	ng		93
46) 2-Chloronaphthalene	9.43	162	808053	41.93	ng		97
47) 2-Nitroaniline	9.52	65	261373	43.77	ng	#	86
48) Acenaphthylene	9.84	152	1189617	39.66	ng		98
49) Dimethylphthalate	9.70	163	924061	40.69	ng		100
50) 2,6-Dinitrotoluene	9.76	165	184646	38.00	ng	#	85
51) Acenaphthene	10.01	154	794612	43.63	ng		99
52) 3-Nitroaniline	9.93	138	119411	20.54	ng		93
53) 2,4-Dinitrophenol	10.04	184	178228	73.06	ng	#	59
54) Dibenzofuran	10.18	168	981281	41.13	ng		97
55) 4-Nitrophenol	10.09	139	336592	73.68	ng	#	78
56) 2,4-Dinitrotoluene	10.17	165	278982	44.86	ng	#	74
57) Fluorene	10.53	166	749140	39.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	185829	44.29	ng		100
59) Diethylphthalate	10.40	149	865946	39.29	ng		96
60) 4-Chlorophenyl-phenylether	10.52	204	362648	39.77	ng		89
61) 4-Nitroaniline	10.55	138	222688	40.96	ng		90
62) Azobenzene	10.68	77	963073	44.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.57	198	117080	37.94	ng	#	55
65) n-Nitrosodiphenylamine	10.64	169	753013	46.97	ng		98
66) 4-Bromophenyl-phenylether	11.01	248	211005	42.16	ng	#	81
67) Hexachlorobenzene	11.08	284	216051	40.47	ng	#	78
68) Atrazine	11.17	200	232430	52.14	ng		97
69) Pentachlorophenol	11.27	266	244218	82.41	ng		98
70) Phenanthrene	11.49	178	1123289	41.59	ng		99
71) Anthracene	11.54	178	1188387	41.44	ng		99
72) Carbazole	11.69	167	923090	36.71	ng		98
73) Di-n-butylphthalate	12.02	149	1228965	38.67	ng		99
74) Fluoranthene	12.68	202	913216	33.69	ng		96
76) Benzidine	12.80	184	435137	50.75	ng		98
77) Pyrene	12.90	202	939336	43.32	ng		100
79) Butylbenzylphthalate	13.52	149	419938	42.68	ng		98
80) Benzo(a)anthracene	14.09	228	682282	39.56	ng		100
81) 3,3'-Dichlorobenzidine	14.06	252	128578	23.63	ng	#	95
82) Chrysene	14.13	228	636034	39.92	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	552580	42.68	ng	#	99
84) Di-n-octyl phthalate	14.70	149	890856	45.18	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	792740	63.75	ng		97
87) Benzo(b)fluoranthene	15.15	252	662494	35.33	ng	#	96
88) Benzo(k)fluoranthene	15.18	252	654712m	43.29	ng		
89) Benzo(a)pyrene	15.51	252	661640	42.58	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	665281	50.16	ng		96
91) Benzo(g,h,i)perylene	17.48	276	667929	50.08	ng		100

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

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