Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084957.D
Acq On : 9 Feb 2016 17:38
Operator : SJ/IZ
Sample : H1386-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B005(28-30)MS

Manual Integrations APPROVED
Sohil
2/10/2016 1:45:00 PM

Quant Time: Feb 10 04:11:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	156589	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	664687	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	307258	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	558444	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	391621	20.00	ng		-0.06
86) Perylene-d12	15.14	264	321190	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1423987	141.64	ng		-0.05
7) Phenol-d6	6.30	99	1862476	149.44	ng		-0.03
23) Nitrobenzene-d5	7.21	82	1168888	99.06	ng		-0.06
41) 2,4,6-Tribromophenol	10.46	330	437879	136.63	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	1693516	97.73	ng		-0.06
78) Terphenyl-d14	12.74	244	1755774	101.59	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	170970	38.83	ng	#	77
3) Pyridine	2.80	79	594602	51.82	ng	#	61
4) n-Nitrosodimethylamine	2.76	42	308240	51.94	ng	#	79
6) Aniline	6.30	93	454776	29.82	ng	#	58
8) 2-Chlorophenol	6.43	128	563138	49.49	ng		91
9) Benzaldehyde	6.18	77	161817	21.99	ng		95
10) Phenol	6.32	94	797572	57.12	ng		90
11) bis(2-Chloroethyl)ether	6.38	93	540233	49.62	ng		85
12) 1,3-Dichlorobenzene	6.58	146	555901	46.24	ng		97
13) 1,4-Dichlorobenzene	6.65	146	562505	46.80	ng		97
14) 1,2-Dichlorobenzene	6.81	146	541732	48.39	ng		100
15) Benzyl Alcohol	6.80	79	455203	52.89	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	860809	47.00	ng		91
17) 2-Methylphenol	6.92	107	470796	52.31	ng	#	89
18) Hexachloroethane	7.15	117	225559	48.73	ng	#	87
19) n-Nitroso-di-n-propylamine	7.07	70	379023	48.52	ng	#	75
20) 3+4-Methylphenols	7.08	107	587908	52.63	ng		90
22) Acetophenone	7.06	105	787457	44.95	ng		98
24) Nitrobenzene	7.23	77	585591	46.35	ng		98
25) Isophorone	7.47	82	1079117	47.03	ng		99
26) 2-Nitrophenol	7.55	139	323355	51.89	ng		96
27) 2,4-Dimethylphenol	7.60	122	478741	44.17	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	627548	46.10	ng		99
29) 2,4-Dichlorophenol	7.79	162	444042	47.88	ng		94
30) 1,2,4-Trichlorobenzene	7.87	180	493962	47.15	ng	#	95
31) Naphthalene	7.95	128	1611772	48.34	ng		100
32) Benzoic acid	7.71	122	81428	11.74	ng		98
33) 4-Chloroaniline	8.01	127	251446	18.24	ng	#	91
34) Hexachlorobutadiene	8.06	225	265046	43.88	ng		98
35) Caprolactam	8.40	113	153610m	53.74	ng		
36) 4-Chloro-3-methylphenol	8.51	107	561859	53.10	ng		99
37) 2-Methylnaphthalene	8.64	142	1010664	48.43	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	462471	47.39	ng		99
40) Hexachlorocyclopentadiene	8.80	237	361316	82.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	302941	48.19	ng		96
43) 2,4,5-Trichlorophenol	8.97	196	307726	48.17	ng	#	85
45) 1,1'-Biphenyl	9.10	154	1305813	47.58	ng		98
46) 2-Chloronaphthalene	9.13	162	998726	49.42	ng	#	89
47) 2-Nitroaniline	9.23	65	349021	54.54	ng		92
48) Acenaphthylene	9.54	152	1475291	48.10	ng		98
49) Dimethylphthalate	9.41	163	1474766	63.02	ng	#	90
50) 2,6-Dinitrotoluene	9.48	165	250256	48.95	ng	#	82
51) Acenaphthene	9.71	154	967717	48.50	ng		97
52) 3-Nitroaniline	9.64	138	179648	31.27	ng	#	86
53) 2,4-Dinitrophenol	9.76	184	173437	73.97	ng		90
54) Dibenzofuran	9.88	168	1262716	51.78	ng		95
55) 4-Nitrophenol	9.82	139	333718	79.04	ng	#	77
56) 2,4-Dinitrotoluene	9.88	165	347483	53.29	ng	#	91
57) Fluorene	10.22	166	1068345	52.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	273663	56.28	ng	#	86
59) Diethylphthalate	10.11	149	1023088	44.77	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	402987	47.51	ng		89
61) 4-Nitroaniline	10.26	138	259034	46.27	ng		94
62) Azobenzene	10.37	77	1090216	49.62	ng		89
64) 4,6-Dinitro-2-methylphenol	10.29	198	171838	49.86	ng		74
65) n-Nitrosodiphenylamine	10.34	169	847927	47.82	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	315464	51.14	ng	#	90
67) Hexachlorobenzene	10.76	284	305807	45.50	ng	#	84
68) Atrazine	10.88	200	307936	54.99	ng		97
69) Pentachlorophenol	10.97	266	288945	91.48	ng		99
70) Phenanthrene	11.17	178	1369036	44.20	ng		97
71) Anthracene	11.23	178	1597562	51.19	ng		99
72) Carbazole	11.39	167	1435417	52.74	ng		98
73) Di-n-butylphthalate	11.72	149	1548564	44.69	ng	#	96
74) Fluoranthene	12.36	202	1554838	49.60	ng		92
76) Benzidine	12.49	184	537839	38.96	ng		98
77) Pyrene	12.58	202	1382607	46.11	ng		98
79) Butylbenzylphthalate	13.22	149	688790	50.64	ng	#	81
80) Benzo(a)anthracene	13.77	228	1232404	50.70	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	194290	22.58	ng	#	93
82) Chrysene	13.80	228	917856	38.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	880103	51.99	ng	#	96
84) Di-n-octyl phthalate	14.39	149	1266616	45.36	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.40	276	950745	51.25	ng		98
87) Benzo(b)fluoranthene	14.77	252	1164828m	53.98	ng		
88) Benzo(k)fluoranthene	14.80	252	730730m	40.95	ng		
89) Benzo(a)pyrene	15.08	252	869360	47.28	ng	#	97
90) Dibenzo(a,h)anthracene	16.41	278	786193	50.79	ng		96
91) Benzo(g,h,i)perylene	16.77	276	810837	52.00	ng		98

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

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