Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089344.D
Acq On : 28 Jul 2016 4:03
Operator : UM/SJ
Sample : H4205-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-38-14.0-15.0MS

Manual Integrations APPROVED
sohil
7/28/2016 5:03:22 PM

Quant Time: Jul 28 13:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	47445	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	206955	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	99880	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	191263	20.00	ng		0.00
75) Chrysene-d12	13.67	240	134813	20.00	ng		0.00
86) Perylene-d12	15.01	264	107400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	395688	133.17	ng		0.02
7) Phenol-d6	6.22	99	510661	130.04	ng		0.01
23) Nitrobenzene-d5	7.12	82	321252	91.62	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	102690	124.14	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	572196	84.07	ng		0.00
78) Terphenyl-d14	12.63	244	466725	81.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	52166	38.63	ng		99
3) Pyridine	2.63	79	129025	44.38	ng		97
4) n-Nitrosodimethylamine	2.62	42	54024	45.60	ng		100
6) Aniline	6.22	93	197112	46.49	ng	#	74
8) 2-Chlorophenol	6.33	128	165881	49.35	ng		92
9) Benzaldehyde	6.09	77	89976	46.93	ng		99
10) Phenol	6.23	94	213527	49.28	ng		89
11) bis(2-Chloroethyl)ether	6.30	93	167734	45.56	ng		95
12) 1,3-Dichlorobenzene	6.48	146	162694	46.28	ng		98
13) 1,4-Dichlorobenzene	6.56	146	175263	45.17	ng		99
14) 1,2-Dichlorobenzene	6.72	146	162336	44.66	ng		98
15) Benzyl Alcohol	6.71	79	137500	56.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	183602	45.72	ng		81
17) 2-Methylphenol	6.83	107	128697	49.54	ng		97
18) Hexachloroethane	7.05	117	65922	44.32	ng		95
19) n-Nitroso-di-n-propylamine	6.98	70	123567	52.18	ng		94
20) 3+4-Methylphenols	6.99	107	169314	50.75	ng		85
22) Acetophenone	6.97	105	211181	42.86	ng		97
24) Nitrobenzene	7.14	77	173961	43.59	ng		95
25) Isophorone	7.38	82	327330	46.35	ng		99
26) 2-Nitrophenol	7.46	139	82520	46.25	ng		97
27) 2,4-Dimethylphenol	7.51	122	132665	46.68	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	197322	50.47	ng		100
29) 2,4-Dichlorophenol	7.70	162	136147	52.57	ng		96
30) 1,2,4-Trichlorobenzene	7.78	180	138290	46.80	ng		99
31) Naphthalene	7.85	128	454420m	44.34	ng		
32) Benzoic acid	7.63	122	9279	4.69	ng	#	85
33) 4-Chloroaniline	7.92	127	139842	35.84	ng		100
34) Hexachlorobutadiene	7.98	225	76849	45.41	ng		98
35) Caprolactam	8.30	113	36991m	47.32	ng		
36) 4-Chloro-3-methylphenol	8.41	107	148071	48.11	ng		94
37) 2-Methylnaphthalene	8.55	142	305980	49.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	111630	31.94	ng		99
40) Hexachlorocyclopentadiene	8.70	237	97974	96.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	81922	49.30	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	97863	46.49	ng		97
45) 1,1'-Biphenyl	9.00	154	321566	37.81	ng		100
46) 2-Chloronaphthalene	9.03	162	290820	45.54	ng		100
47) 2-Nitroaniline	9.14	65	94233	49.82	ng		99
48) Acenaphthylene	9.44	152	459242	45.65	ng		99
49) Dimethylphthalate	9.32	163	456064	60.00	ng		98
50) 2,6-Dinitrotoluene	9.38	165	73324	46.95	ng	#	71
51) Acenaphthene	9.61	154	271844	46.27	ng		99
52) 3-Nitroaniline	9.55	138	71360	43.29	ng		90
53) 2,4-Dinitrophenol	9.67	184	22713	42.81	ng		99
54) Dibenzofuran	9.78	168	398892	49.83	ng		97
55) 4-Nitrophenol	9.75	139	75418m	92.87	ng		
56) 2,4-Dinitrotoluene	9.79	165	103375	50.28	ng	#	65
57) Fluorene	10.12	166	333508	47.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	75555	53.76	ng		97
59) Diethylphthalate	10.02	149	376589	48.87	ng		96
60) 4-Chlorophenyl-phenylether	10.12	204	143160	44.66	ng		99
61) 4-Nitroaniline	10.17	138	78704	46.32	ng		95
62) Azobenzene	10.28	77	385500	48.57	ng		84
64) 4,6-Dinitro-2-methylphenol	10.20	198	43534	38.64	ng		91
65) n-Nitrosodiphenylamine	10.25	169	286377	47.99	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	87363	47.84	ng	#	88
67) Hexachlorobenzene	10.66	284	80083	42.79	ng		91
68) Atrazine	10.78	200	78870	43.02	ng		95
69) Pentachlorophenol	10.87	266	79583	87.19	ng		98
70) Phenanthrene	11.07	178	456722	46.30	ng		100
71) Anthracene	11.13	178	501701	45.75	ng		99
72) Carbazole	11.29	167	450504	48.80	ng		99
73) Di-n-butylphthalate	11.62	149	543567	43.88	ng		100
74) Fluoranthene	12.25	202	483119	46.56	ng		97
76) Benzidine	12.39	184	249027	49.99	ng		96
77) Pyrene	12.48	202	485532	47.52	ng		99
79) Butylbenzylphthalate	13.11	149	220190	47.40	ng		92
80) Benzo(a)anthracene	13.66	228	352136	46.29	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	110380	40.32	ng		99
82) Chrysene	13.70	228	357302	44.12	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	304984	45.42	ng		100
84) Di-n-octyl phthalate	14.29	149	495189	47.26	ng		100
85) Indeno(1,2,3-cd)pyrene	16.21	276	263449	45.75	ng		99
87) Benzo(b)fluoranthene	14.65	252	266563m	39.97	ng		
88) Benzo(k)fluoranthene	14.67	252	314257m	51.25	ng		
89) Benzo(a)pyrene	14.96	252	274773	45.92	ng	#	94
90) Dibenzo(a,h)anthracene	16.22	278	221467	46.99	ng		95
91) Benzo(g,h,i)perylene	16.56	276	215960	46.61	ng		98

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

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