Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091429.D
Acq On : 5 Dec 2016 20:27
Operator : UM/SJ
Sample : H5838-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Manual Integrations APPROVED
sohil
12/6/2016 3:02:00 PM

Quant Time: Dec 06 00:42:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143570	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	617514	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	343990	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	654425	20.00	ng		0.00
75) Chrysene-d12	14.00	240	326511	20.00	ng		0.00
86) Perylene-d12	15.43	264	309451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	633925	72.13	ng		0.01
7) Phenol-d6	6.48	99	536656	49.61	ng		0.00
23) Nitrobenzene-d5	7.42	82	1080999	98.10	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	576769	177.11	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	1984142	104.44	ng		0.00
78) Terphenyl-d14	12.96	244	1784741	118.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	66677	16.77	ng	#	85
3) Pyridine	3.22	79	156018	13.87	ng	#	83
4) n-Nitrosodimethylamine	3.16	42	122560	20.76	ng		95
6) Aniline	6.52	93	248556	17.30	ng	#	68
8) 2-Chlorophenol	6.63	128	367954	38.19	ng	#	74
9) Benzaldehyde	6.39	77	137062	19.70	ng		91
10) Phenol	6.49	94	236146	18.55	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	417132	45.86	ng		95
12) 1,3-Dichlorobenzene	6.79	146	482479	45.01	ng		98
13) 1,4-Dichlorobenzene	6.87	146	517088	48.50	ng		99
14) 1,2-Dichlorobenzene	7.02	146	434714	43.77	ng		98
15) Benzyl Alcohol	7.00	79	289866	33.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	907359	46.39	ng		71
17) 2-Methylphenol	7.11	107	261092	34.28	ng	#	76
18) Hexachloroethane	7.36	117	186592	49.29	ng	#	86
19) n-Nitroso-di-n-propylamine	7.27	70	366669	53.80	ng	#	96
20) 3+4-Methylphenols	7.26	107	301588	32.43	ng	#	37
22) Acetophenone	7.26	105	723620	49.44	ng	#	82
24) Nitrobenzene	7.44	77	587524	52.08	ng	#	77
25) Isophorone	7.68	82	1051479	53.86	ng		98
26) 2-Nitrophenol	7.75	139	239891	46.66	ng		97
27) 2,4-Dimethylphenol	7.80	122	447054	46.48	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	604530	51.45	ng		100
29) 2,4-Dichlorophenol	7.99	162	391399	46.26	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	470903	49.65	ng		97
31) Naphthalene	8.16	128	1513135	51.56	ng		100
32) Benzoic acid	7.88	122	100595	14.19	ng		93
33) 4-Chloroaniline	8.21	127	123466	9.84	ng		96
34) Hexachlorobutadiene	8.28	225	283984	48.69	ng		98
35) Caprolactam	8.58	113	18755m	7.71	ng		
36) 4-Chloro-3-methylphenol	8.69	107	426293	46.67	ng		94
37) 2-Methylnaphthalene	8.85	142	917626	46.02	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	464221	47.87	ng		99
40) Hexachlorocyclopentadiene	9.01	237	471049	104.79	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	333958	52.99	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	319595	50.60	ng	#	92
45) 1,1'-Biphenyl	9.32	154	1130490	45.70	ng		97
46) 2-Chloronaphthalene	9.34	162	832252	45.18	ng		98
47) 2-Nitroaniline	9.43	65	277985	42.02	ng	#	74
48) Acenaphthylene	9.75	152	1471292	50.74	ng		98
49) Dimethylphthalate	9.62	163	1084104	52.05	ng		97
50) 2,6-Dinitrotoluene	9.68	165	281755	60.52	ng	#	82
51) Acenaphthene	9.92	154	1118052	57.16	ng		96
52) 3-Nitroaniline	9.84	138	67960	12.61	ng		99
53) 2,4-Dinitrophenol	9.96	184	296942	145.86	ng	#	85
54) Dibenzofuran	10.10	168	1466683	56.01	ng		91
55) 4-Nitrophenol	10.00	139	139281	35.79	ng		95
56) 2,4-Dinitrotoluene	10.08	165	335864	55.62	ng	#	67
57) Fluorene	10.44	166	1049381	52.19	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	322490	59.79	ng		93
59) Diethylphthalate	10.32	149	1185923	57.68	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	563286	55.86	ng		94
61) 4-Nitroaniline	10.46	138	207333	40.98	ng		89
62) Azobenzene	10.60	77	1299090	61.92	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	210895	58.49	ng	#	37
65) n-Nitrosodiphenylamine	10.55	169	935651	47.16	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	373500	53.10	ng	#	75
67) Hexachlorobenzene	10.98	284	356284	46.87	ng	#	81
68) Atrazine	11.09	200	357043	55.56	ng		92
69) Pentachlorophenol	11.18	266	406356	90.81	ng		96
70) Phenanthrene	11.40	178	1562232	45.94	ng		99
71) Anthracene	11.45	178	1823074	54.02	ng		100
72) Carbazole	11.60	167	1355622	44.27	ng		100
73) Di-n-butylphthalate	11.94	149	1961996	56.53	ng		99
74) Fluoranthene	12.58	202	1650934	51.25	ng		99
76) Benzidine	12.70	184	290033	30.26	ng		98
77) Pyrene	12.81	202	1663420	67.13	ng		99
79) Butylbenzylphthalate	13.43	149	549326	59.20	ng		92
80) Benzo(a)anthracene	13.99	228	1100971	57.66	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	179284	26.65	ng		96
82) Chrysene	14.04	228	1143132	60.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	834719	70.97	ng	#	90
84) Di-n-octyl phthalate	14.61	149	1314983	73.89	ng		95
85) Indeno(1,2,3-cd)pyrene	16.83	276	1004163	58.04	ng	#	92
87) Benzo(b)fluoranthene	15.02	252	1180455m	61.37	ng		
88) Benzo(k)fluoranthene	15.05	252	717812m	44.38	ng		
89) Benzo(a)pyrene	15.37	252	873958	50.60	ng	#	94
90) Dibenzo(a,h)anthracene	16.85	278	838240	52.47	ng	#	93
91) Benzo(g,h,i)perylene	17.25	276	828641	50.30	ng		97

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

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