Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086103.D
Acq On : 6 Apr 2016 17:41
Operator : UM/SJ
Sample : H2254-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-14MS

Manual Integrations APPROVED
Sohil
4/7/2016 8:59:04 AM

Quant Time: Apr 07 02:00:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157787	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	640902	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	279992	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	493669	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	326882	20.00	ng		-0.02
86) Perylene-d12	15.30	264	315636	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	738055	79.95	ng		-0.02
7) Phenol-d6	6.40	99	928429	79.18	ng		-0.02
23) Nitrobenzene-d5	7.31	82	627740	57.76	ng		-0.03
41) 2,4,6-Tribromophenol	10.58	330	236378	89.95	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	947261	56.25	ng		-0.03
78) Terphenyl-d14	12.84	244	727404	52.31	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	101752	23.25	ng		99
3) Pyridine	3.01	79	271696	27.73	ng		99
4) n-Nitrosodimethylamine	2.96	42	117490	27.27	ng		96
6) Aniline	6.41	93	155471	10.11	ng	#	1
8) 2-Chlorophenol	6.53	128	303857	27.60	ng		98
9) Benzaldehyde	6.29	77	109462	17.35	ng		93
10) Phenol	6.41	94	380093	28.42	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	286676	27.07	ng		98
12) 1,3-Dichlorobenzene	6.68	146	310917	26.65	ng	#	95
13) 1,4-Dichlorobenzene	6.76	146	320550	26.67	ng		96
14) 1,2-Dichlorobenzene	6.91	146	281018	25.40	ng		95
15) Benzyl Alcohol	6.90	79	217775	28.71	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	338206	26.14	ng		54
17) 2-Methylphenol	7.01	107	229766	26.47	ng		95
18) Hexachloroethane	7.25	117	115071	26.03	ng		94
19) n-Nitroso-di-n-propylamine	7.16	70	191233	26.31	ng	#	90
20) 3+4-Methylphenols	7.17	107	309929	29.36	ng	#	68
22) Acetophenone	7.16	105	406173	26.96	ng	#	90
24) Nitrobenzene	7.33	77	301275	25.34	ng		98
25) Isophorone	7.57	82	561862	26.19	ng		99
26) 2-Nitrophenol	7.65	139	162064	28.49	ng		96
27) 2,4-Dimethylphenol	7.70	122	279488	27.35	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	368877	29.30	ng		99
29) 2,4-Dichlorophenol	7.90	162	223852	25.92	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	245179	25.29	ng		97
31) Naphthalene	8.05	128	856694	26.57	ng		99
32) Benzoic acid	7.80	122	29716	3.96	ng		98
33) 4-Chloroaniline	8.12	127	66341	5.09	ng		98
34) Hexachlorobutadiene	8.17	225	120591	23.13	ng		98
35) Caprolactam	8.48	113	75434m	27.53	ng		
36) 4-Chloro-3-methylphenol	8.60	107	249902	25.74	ng		92
37) 2-Methylnaphthalene	8.75	142	537391	25.52	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	209819	24.93	ng		98
40) Hexachlorocyclopentadiene	8.90	237	108950	44.65	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	147714	27.33	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	146734	26.74	ng		98
45) 1,1'-Biphenyl	9.21	154	602832	24.97	ng		98
46) 2-Chloronaphthalene	9.23	162	449600	25.69	ng		93
47) 2-Nitroaniline	9.33	65	137498	26.85	ng		87
48) Acenaphthylene	9.64	152	689194	24.58	ng		99
49) Dimethylphthalate	9.52	163	788442	37.99	ng		100
50) 2,6-Dinitrotoluene	9.58	165	129662	29.53	ng	#	65
51) Acenaphthene	9.81	154	416017	24.95	ng		99
52) 3-Nitroaniline	9.74	138	75065	14.18	ng		86
53) 2,4-Dinitrophenol	9.87	184	51166	27.21	ng	#	72
54) Dibenzofuran	9.98	168	608209	27.62	ng		95
55) 4-Nitrophenol	9.93	139	156939	50.31	ng		92
56) 2,4-Dinitrotoluene	9.98	165	136890	24.67	ng	#	36
57) Fluorene	10.33	166	450294	23.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	115290	28.22	ng		98
59) Diethylphthalate	10.21	149	582127	27.79	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	230509	26.31	ng	#	83
61) 4-Nitroaniline	10.36	138	111476	21.39	ng		90
62) Azobenzene	10.49	77	582854	29.05	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	63857	21.34	ng		86
65) n-Nitrosodiphenylamine	10.44	169	416029	26.95	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	124285	24.66	ng	#	78
67) Hexachlorobenzene	10.88	284	131336	25.20	ng	#	69
68) Atrazine	10.98	200	147161	29.50	ng		98
69) Pentachlorophenol	11.08	266	133976	54.85	ng		99
70) Phenanthrene	11.29	178	771461	28.65	ng		99
71) Anthracene	11.34	178	754676	26.75	ng		98
72) Carbazole	11.50	167	650040	26.80	ng		99
73) Di-n-butylphthalate	11.84	149	798892	26.59	ng	#	98
74) Fluoranthene	12.48	202	749880	26.77	ng		95
76) Benzidine	12.60	184	229269	19.88	ng		97
77) Pyrene	12.71	202	749729	32.55	ng		99
79) Butylbenzylphthalate	13.32	149	277319	26.74	ng	#	82
80) Benzo(a)anthracene	13.89	228	526388	27.32	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	76381	5.43	ng	#	97
82) Chrysene	13.93	228	496252	26.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	364898	26.51	ng	#	97
84) Di-n-octyl phthalate	14.49	149	596099	27.12	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	545878	36.25	ng		100
87) Benzo(b)fluoranthene	14.91	252	563322m	28.37	ng		
88) Benzo(k)fluoranthene	14.93	252	418581m	23.81	ng		
89) Benzo(a)pyrene	15.24	252	487510	27.71	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	439858	31.08	ng		99
91) Benzo(g,h,i)perylene	17.05	276	463709	33.85	ng		99

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

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