Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091353.D
Acq On : 30 Nov 2016 14:42
Operator : UM/SJ
Sample : H5760-06MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Manual Integrations APPROVED
sohil
12/1/2016 3:27:55 PM

Quant Time: Dec 01 00:25:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	200660	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	781410	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	440803	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	700478	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	423397	20.00	ng		-0.03
86) Perylene-d12	15.44	264	414027	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1430430	116.45	ng		0.02
7) Phenol-d6	6.50	99	1753193	115.95	ng		0.00
23) Nitrobenzene-d5	7.43	82	1169099	83.84	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	595287	142.65	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2313165	95.02	ng		0.00
78) Terphenyl-d14	12.97	244	2037439	104.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	198256	35.68	ng	#	67
3) Pyridine	3.36	79	509245	32.38	ng		88
4) n-Nitrosodimethylamine	3.30	42	349424	42.35	ng		95
6) Aniline	6.53	93	172572	8.59	ng	#	74
8) 2-Chlorophenol	6.65	128	560592	41.63	ng		86
9) Benzaldehyde	6.41	77	166988	17.17	ng		82
10) Phenol	6.52	94	772223	43.40	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	639647	50.32	ng		99
12) 1,3-Dichlorobenzene	6.80	146	575199m	38.40	ng		
13) 1,4-Dichlorobenzene	6.88	146	575595	38.63	ng		97
14) 1,2-Dichlorobenzene	7.04	146	569242	41.01	ng		93
15) Benzyl Alcohol	7.01	79	502886	41.56	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1158280	42.37	ng		71
17) 2-Methylphenol	7.12	107	447688	42.05	ng	#	76
18) Hexachloroethane	7.38	117	221911	41.94	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	435195	45.68	ng	#	81
20) 3+4-Methylphenols	7.28	107	563348	43.35	ng	#	50
22) Acetophenone	7.28	105	811506	43.82	ng	#	87
24) Nitrobenzene	7.45	77	672188	47.09	ng	#	80
25) Isophorone	7.69	82	1167119	47.25	ng		98
26) 2-Nitrophenol	7.76	139	284391	43.71	ng		98
27) 2,4-Dimethylphenol	7.81	122	546964	44.94	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	699647	47.05	ng		99
29) 2,4-Dichlorophenol	8.01	162	485088	45.31	ng		90
30) 1,2,4-Trichlorobenzene	8.09	180	532090	44.33	ng		98
31) Naphthalene	8.17	128	1631369	43.93	ng		100
32) Benzoic acid	7.92	122	253457	28.25	ng	#	84
33) 4-Chloroaniline	8.23	127	54104	3.41	ng		96
34) Hexachlorobutadiene	8.30	225	317163	42.97	ng		99
35) Caprolactam	8.60	113	136048m	44.21	ng		
36) 4-Chloro-3-methylphenol	8.71	107	539519	46.68	ng		86
37) 2-Methylnaphthalene	8.86	142	1125550	44.61	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	500143	40.25	ng		99
40) Hexachlorocyclopentadiene	9.02	237	493380	85.66	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	372171	46.08	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	378925m	46.82	ng		
45) 1,1'-Biphenyl	9.33	154	1279467	40.37	ng		97
46) 2-Chloronaphthalene	9.35	162	968064	41.01	ng		98
47) 2-Nitroaniline	9.44	65	330383	38.97	ng	#	78
48) Acenaphthylene	9.77	152	1621521	43.64	ng		99
49) Dimethylphthalate	9.64	163	1287912	48.25	ng		98
50) 2,6-Dinitrotoluene	9.69	165	306992	51.46	ng	#	72
51) Acenaphthene	9.94	154	1110171	44.29	ng		96
52) 3-Nitroaniline	9.85	138	77168	11.18	ng		94
53) 2,4-Dinitrophenol	9.96	184	122790	47.07	ng	#	72
54) Dibenzofuran	10.12	168	1565451	46.65	ng		91
55) 4-Nitrophenol	10.02	139	422587	84.73	ng	#	63
56) 2,4-Dinitrotoluene	10.09	165	384226	49.65	ng	#	72
57) Fluorene	10.46	166	1140602	44.27	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	330670	47.85	ng		96
59) Diethylphthalate	10.33	149	1184298	44.95	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	530938	41.09	ng	#	89
61) 4-Nitroaniline	10.47	138	235150	36.27	ng		88
62) Azobenzene	10.61	77	1324299	49.26	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	125765	32.59	ng		94
65) n-Nitrosodiphenylamine	10.56	169	966990	45.53	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	381658	50.69	ng	#	81
67) Hexachlorobenzene	11.00	284	372909	45.84	ng	#	77
68) Atrazine	11.10	200	363763	52.89	ng		92
69) Pentachlorophenol	11.19	266	359410	75.04	ng		95
70) Phenanthrene	11.41	178	1620198	44.51	ng		100
71) Anthracene	11.46	178	1713961	47.45	ng		99
72) Carbazole	11.61	167	1364920	41.64	ng		99
73) Di-n-butylphthalate	11.96	149	1865661	50.22	ng		100
74) Fluoranthene	12.60	202	1662290	48.21	ng		99
76) Benzidine	12.71	184	84371	6.79	ng		97
77) Pyrene	12.83	202	1687913	52.53	ng		99
79) Butylbenzylphthalate	13.44	149	675912	56.18	ng		86
80) Benzo(a)anthracene	14.00	228	1234364	49.85	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	169278	19.41	ng	#	98
82) Chrysene	14.05	228	1294688	52.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	893121	58.56	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1366390	59.21	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1247188	55.59	ng		95
87) Benzo(b)fluoranthene	15.04	252	1280504m	49.76	ng		
88) Benzo(k)fluoranthene	15.07	252	890929m	41.17	ng		
89) Benzo(a)pyrene	15.39	252	1056545	45.72	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	1044645	48.87	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	1052808	47.77	ng		98

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

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