Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085408.D
Acq On : 12 Mar 2016 9:25
Operator : UM/SJ
Sample : H1730-08MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)MSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:46:19 AM

Quant Time: Mar 14 02:25:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	137886	20.00	ng		-0.05
21) Naphthalene-d8	8.23	136	526251	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	221529	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	364226	20.00	ng		-0.05
75) Chrysene-d12	14.12	240	254585	20.00	ng		-0.03
86) Perylene-d12	15.58	264	236367	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1250403	152.11	ng		-0.02
7) Phenol-d6	6.57	99	1444141	134.09	ng		-0.03
23) Nitrobenzene-d5	7.51	82	1020079	103.73	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	329067	173.60	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1436638	98.63	ng		-0.05
78) Terphenyl-d14	13.05	244	936329	85.38	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	187341	44.57	ng		98
3) Pyridine	3.43	79	544956	51.80	ng		97
4) n-Nitrosodimethylamine	3.38	42	230904	51.28	ng		93
6) Aniline	6.60	93	455168	30.15	ng	#	81
8) 2-Chlorophenol	6.72	128	425471	42.99	ng		94
9) Benzaldehyde	6.48	77	134465	23.63	ng		96
10) Phenol	6.58	94	454281m	39.38	ng		
11) bis(2-Chloroethyl)ether	6.68	93	452690	47.25	ng		98
12) 1,3-Dichlorobenzene	6.88	146	504907	47.52	ng		99
13) 1,4-Dichlorobenzene	6.95	146	488941	45.92	ng		99
14) 1,2-Dichlorobenzene	7.11	146	463805	48.01	ng		99
15) Benzyl Alcohol	7.08	79	406118	51.37	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	587082	42.51	ng		97
17) 2-Methylphenol	7.19	107	408897	50.64	ng		96
18) Hexachloroethane	7.45	117	170067	43.29	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	361666	51.52	ng		98
20) 3+4-Methylphenols	7.35	107	433881	45.36	ng	#	83
22) Acetophenone	7.35	105	575335	44.79	ng	#	93
24) Nitrobenzene	7.52	77	432527	43.30	ng		99
25) Isophorone	7.76	82	868524	47.66	ng		100
26) 2-Nitrophenol	7.84	139	271983	55.95	ng	#	81
27) 2,4-Dimethylphenol	7.88	122	387206	43.58	ng		93
28) bis(2-Chloroethoxy)methane	7.98	93	547568	53.95	ng		98
29) 2,4-Dichlorophenol	8.08	162	373500	52.13	ng		90
30) 1,2,4-Trichlorobenzene	8.17	180	390642	50.43	ng	#	94
31) Naphthalene	8.25	128	1293323	49.98	ng		98
32) Benzoic acid	7.94	122	22622	3.83	ng		88
33) 4-Chloroaniline	8.30	127	226749	21.66	ng	#	90
34) Hexachlorobutadiene	8.37	225	212172	52.64	ng		99
35) Caprolactam	8.66	113	132778m	56.74	ng		
36) 4-Chloro-3-methylphenol	8.78	107	414968	51.05	ng		99
37) 2-Methylnaphthalene	8.94	142	767434	46.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	359342	56.72	ng		97
40) Hexachlorocyclopentadiene	9.09	237	133312	39.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	257519	54.60	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	263335	58.89	ng		93
45) 1,1'-Biphenyl	9.41	154	1061449	56.08	ng		96
46) 2-Chloronaphthalene	9.43	162	754149	52.27	ng		94
47) 2-Nitroaniline	9.52	65	227131	50.81	ng		94
48) Acenaphthylene	9.84	152	1135597	50.58	ng		98
49) Dimethylphthalate	9.70	163	1057103	62.17	ng		99
50) 2,6-Dinitrotoluene	9.77	165	205262	56.43	ng	#	68
51) Acenaphthene	10.01	154	651365	47.78	ng		99
52) 3-Nitroaniline	9.93	138	150992	34.69	ng		85
53) 2,4-Dinitrophenol	10.04	184	40503	27.77	ng	#	61
54) Dibenzofuran	10.18	168	917259	51.35	ng		97
55) 4-Nitrophenol	10.10	139	325602	95.20	ng		93
56) 2,4-Dinitrotoluene	10.17	165	248255	53.33	ng		92
57) Fluorene	10.54	166	674337	48.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	183257	58.34	ng		94
59) Diethylphthalate	10.40	149	807286	48.93	ng		96
60) 4-Chlorophenyl-phenylether	10.53	204	353974	51.85	ng	#	84
61) 4-Nitroaniline	10.55	138	187638	46.10	ng		97
62) Azobenzene	10.69	77	837180	51.50	ng		85
64) 4,6-Dinitro-2-methylphenol	10.58	198	47353	21.71	ng		80
65) n-Nitrosodiphenylamine	10.64	169	636094	56.15	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	207864	58.77	ng	#	83
67) Hexachlorobenzene	11.09	284	198886	52.71	ng	#	85
68) Atrazine	11.17	200	195956	62.20	ng		98
69) Pentachlorophenol	11.27	266	213061	101.74	ng		99
70) Phenanthrene	11.50	178	998529	52.31	ng		97
71) Anthracene	11.54	178	883773	43.61	ng		99
72) Carbazole	11.70	167	860291	48.42	ng		97
73) Di-n-butylphthalate	12.02	149	1150581	51.23	ng		99
74) Fluoranthene	12.69	202	942114	49.18	ng		95
76) Benzidine	12.80	184	412212	54.40	ng		99
77) Pyrene	12.92	202	963087	50.26	ng		98
79) Butylbenzylphthalate	13.52	149	415907	47.84	ng		100
80) Benzo(a)anthracene	14.11	228	733072	48.10	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	207639	43.19	ng		99
82) Chrysene	14.14	228	709704	50.41	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	563224	49.23	ng		98
84) Di-n-octyl phthalate	14.70	149	958137	54.99	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	555692	50.57	ng		97
87) Benzo(b)fluoranthene	15.15	252	796310	50.54	ng		100
88) Benzo(k)fluoranthene	15.18	252	511329m	40.24	ng		
89) Benzo(a)pyrene	15.51	252	650104	49.80	ng	#	95
90) Dibenzo(a,h)anthracene	17.05	278	478555	42.94	ng		99
91) Benzo(g,h,i)perylene	17.49	276	349272	31.17	ng		95

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

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