Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082302.D
Acq On : 15 Oct 2015 11:50
Operator : UM/IZ
Sample : G4015-05MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LF-1MSD

Manual Integrations APPROVED
MMdadoda
10/16/2015 4:15:49 PM

Quant Time: Oct 16 05:52:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:04:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79380	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	306838	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	149933	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	257335	20.00	ng		0.00
75) Chrysene-d12	14.13	240	150902	20.00	ng		0.03
86) Perylene-d12	15.74	264	137346	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	78183	19.88	ng		0.01
7) Phenol-d6	6.47	99	432823	84.56	ng		0.00
23) Nitrobenzene-d5	7.41	82	488979	107.02	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	5513	3.92	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1020160	112.84	ng		0.00
78) Terphenyl-d14	12.98	244	701747	123.23	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	70276	35.56	ng		99
3) Pyridine	3.12	79	201838	43.91	ng		99
4) n-Nitrosodimethylamine	3.09	42	83899	43.04	ng		100
6) Aniline	6.48	93	141188	21.40	ng	#	1
8) 2-Chlorophenol	6.61	128	51057	10.63	ng		84
9) Benzaldehyde	6.38	77	101281	38.75	ng		87
10) Phenol	6.48	94	173418	29.39	ng		87
11) bis(2-Chloroethyl)ether	6.56	93	215545	43.19	ng		95
12) 1,3-Dichlorobenzene	6.77	146	265008	47.39	ng		97
13) 1,4-Dichlorobenzene	6.85	146	270008	46.24	ng		97
14) 1,2-Dichlorobenzene	6.99	146	239299	43.16	ng		98
15) Benzyl Alcohol	6.97	79	177312	50.18	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	312820	45.01	ng		94
17) 2-Methylphenol	7.10	107	148433	39.09	ng		96
18) Hexachloroethane	7.34	117	93524	46.79	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	151490	42.15	ng	#	86
20) 3+4-Methylphenols	7.26	107	157487	34.81	ng	#	62
22) Acetophenone	7.25	105	319153	52.58	ng	#	86
24) Nitrobenzene	7.42	77	232942	47.10	ng		96
25) Isophorone	7.66	82	462436	50.15	ng		96
26) 2-Nitrophenol	7.74	139	6829	2.77	ng		95
27) 2,4-Dimethylphenol	7.77	122	133156	33.47	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	264222	49.24	ng		100
29) 2,4-Dichlorophenol	7.98	162	22894	5.76	ng		92
30) 1,2,4-Trichlorobenzene	8.06	180	225837	49.26	ng		99
31) Naphthalene	8.14	128	642381	48.30	ng		100
33) 4-Chloroaniline	8.19	127	152448	27.60	ng		97
34) Hexachlorobutadiene	8.25	225	141140	49.41	ng		97
35) Caprolactam	8.54	113	55471	48.06	ng	#	80
36) 4-Chloro-3-methylphenol	8.69	107	106320	27.34	ng		93
37) 2-Methylnaphthalene	8.83	142	480647	52.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	209758	47.04	ng		99
40) Hexachlorocyclopentadiene	8.98	237	129414	59.70	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	6641	2.07	ng	#	86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.30	154	541229	47.34	ng		95
46) 2-Chloronaphthalene	9.33	162	464113	51.57	ng		98
47) 2-Nitroaniline	9.43	65	136346	55.18	ng	#	71
48) Acenaphthylene	9.74	152	650113	46.37	ng		100
49) Dimethylphthalate	9.60	163	622908	59.00	ng		100
50) 2,6-Dinitrotoluene	9.67	165	113574	50.98	ng		88
51) Acenaphthene	9.91	154	379541	45.09	ng		99
52) 3-Nitroaniline	9.84	138	106245	42.22	ng		96
54) Dibenzofuran	10.08	168	587844	50.87	ng		97
56) 2,4-Dinitrotoluene	10.07	165	138054	49.58	ng		99
57) Fluorene	10.42	166	441343	46.50	ng		99
59) Diethylphthalate	10.30	149	502486	51.06	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	226692	52.14	ng	#	83
61) 4-Nitroaniline	10.46	138	116393	47.69	ng		94
62) Azobenzene	10.58	77	478935	49.72	ng		83
65) n-Nitrosodiphenylamine	10.54	169	401892	52.16	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	139684	54.24	ng	#	83
67) Hexachlorobenzene	10.97	284	139328	50.02	ng	#	76
68) Atrazine	11.07	200	157935	64.70	ng		97
70) Phenanthrene	11.39	178	685129	54.32	ng		99
71) Anthracene	11.44	178	635042	48.86	ng		99
72) Carbazole	11.60	167	549888	46.38	ng		99
73) Di-n-butylphthalate	11.93	149	687657	47.01	ng		100
74) Fluoranthene	12.59	202	561471	41.44	ng		99
76) Benzidine	12.73	184	124621	28.50	ng	#	89
77) Pyrene	12.84	202	523343	58.44	ng		98
79) Butylbenzylphthalate	13.49	149	229004	56.03	ng		98
80) Benzo(a)anthracene	14.12	228	420550	53.56	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	93463	31.36	ng	#	96
82) Chrysene	14.15	228	383251	46.33	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	280751	48.15	ng		99
84) Di-n-octyl phthalate	14.82	149	463757	46.31	ng	#	51
85) Indeno(1,2,3-cd)pyrene	17.25	276	468433	71.24	ng		97
87) Benzo(b)fluoranthene	15.30	252	385434m	46.13	ng		
88) Benzo(k)fluoranthene	15.34	252	380268m	54.14	ng		
89) Benzo(a)pyrene	15.68	252	365355	50.88	ng	#	82
90) Dibenzo(a,h)anthracene	17.25	278	393361	66.84	ng	#	93
91) Benzo(g,h,i)perylene	17.68	276	392508	68.66	ng		99

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

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