Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082265.D
Acq On : 13 Oct 2015 20:29
Operator : UM/IZ
Sample : G3998-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-(1.5-03)MSD

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:20 PM

Quant Time: Oct 14 02:03:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81203	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	312938	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	149932	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	299702	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	282013	20.00	ng		-0.09
86) Perylene-d12	15.57	264	258915	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	368934	91.70	ng		0.00
7) Phenol-d6	6.47	99	364256	69.57	ng		0.00
23) Nitrobenzene-d5	7.41	82	488687	104.87	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	215283	153.11	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	927857	102.63	ng		0.00
78) Terphenyl-d14	12.96	244	965519	90.72	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	47950	23.72	ng		96
3) Pyridine	3.17	79	88039	18.72	ng		100
4) n-Nitrosodimethylamine	3.12	42	48795	24.47	ng		98
6) Aniline	6.49	93	180062	26.67	ng		99
8) 2-Chlorophenol	6.61	128	187118	38.10	ng	#	77
9) Benzaldehyde	6.38	77	126199	47.20	ng		92
10) Phenol	6.48	94	135856	22.50	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	215870	42.29	ng		93
12) 1,3-Dichlorobenzene	6.77	146	240147	41.98	ng		98
13) 1,4-Dichlorobenzene	6.85	146	248277	41.56	ng		99
14) 1,2-Dichlorobenzene	6.99	146	217797	38.40	ng		98
15) Benzyl Alcohol	6.97	79	134444	37.20	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	287979	40.51	ng		97
17) 2-Methylphenol	7.10	107	142028	36.57	ng		97
18) Hexachloroethane	7.34	117	82061	40.13	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	141908	38.59	ng	#	84
20) 3+4-Methylphenols	7.25	107	158461	34.24	ng	#	85
22) Acetophenone	7.25	105	297392	48.04	ng		93
24) Nitrobenzene	7.42	77	208537	41.34	ng		100
25) Isophorone	7.66	82	414504	44.07	ng		99
26) 2-Nitrophenol	7.74	139	123419	49.00	ng		99
27) 2,4-Dimethylphenol	7.78	122	177797	43.82	ng		91
28) bis(2-Chloroethoxy)methane	7.87	93	264972	48.42	ng		100
29) 2,4-Dichlorophenol	7.98	162	193446	47.69	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	201952	43.19	ng		97
31) Naphthalene	8.14	128	587264	43.29	ng		100
32) Benzoic acid	7.87	122	44817	16.46	ng		94
33) 4-Chloroaniline	8.19	127	138776	24.63	ng		97
34) Hexachlorobutadiene	8.25	225	119141	40.90	ng		98
35) Caprolactam	8.57	113	15074	12.80	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	182511	46.01	ng		99
37) 2-Methylnaphthalene	8.83	142	450197	47.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	193182	43.32	ng		98
40) Hexachlorocyclopentadiene	8.98	237	178306	79.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	128460	43.37	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	153836	47.94	ng		95
45) 1,1'-Biphenyl	9.30	154	548263	47.95	ng		95
46) 2-Chloronaphthalene	9.33	162	440511	48.94	ng		98
47) 2-Nitroaniline	9.43	65	131157	53.08	ng	#	74
48) Acenaphthylene	9.74	152	638390	45.53	ng		100
49) Dimethylphthalate	9.61	163	480443	45.51	ng	#	97
50) 2,6-Dinitrotoluene	9.67	165	106571	47.84	ng	#	82
51) Acenaphthene	9.91	154	369536	43.90	ng		99
52) 3-Nitroaniline	9.84	138	66155	26.29	ng		98
53) 2,4-Dinitrophenol	9.95	184	108044	86.25	ng	#	84
54) Dibenzofuran	10.08	168	545762	47.23	ng		96
55) 4-Nitrophenol	10.01	139	79950	53.10	ng		91
56) 2,4-Dinitrotoluene	10.07	165	137044	49.22	ng	#	82
57) Fluorene	10.42	166	431095	45.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	120613	46.01	ng		94
59) Diethylphthalate	10.31	149	473990	48.16	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	210809	48.49	ng	#	82
61) 4-Nitroaniline	10.46	138	111184	45.55	ng		95
62) Azobenzene	10.58	77	478930	49.72	ng		89
64) 4,6-Dinitro-2-methylphenol	10.48	198	71961	42.79	ng	#	70
65) n-Nitrosodiphenylamine	10.54	169	387552	43.19	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	130694	43.57	ng	#	83
67) Hexachlorobenzene	10.97	284	146283	45.10	ng	#	82
68) Atrazine	11.07	200	140895	49.56	ng		97
69) Pentachlorophenol	11.17	266	145537	87.19	ng		97
70) Phenanthrene	11.39	178	712681	48.51	ng		99
71) Anthracene	11.44	178	706018	46.64	ng		99
72) Carbazole	11.60	167	630065	45.63	ng		99
73) Di-n-butylphthalate	11.93	149	733329	43.05	ng		99
74) Fluoranthene	12.58	202	773606	49.03	ng		98
76) Benzidine	12.71	184	339746	41.57	ng		99
77) Pyrene	12.81	202	781569	46.70	ng		99
79) Butylbenzylphthalate	13.44	149	297223	38.92	ng		98
80) Benzo(a)anthracene	14.04	228	661526	45.08	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	150180	26.96	ng		98
82) Chrysene	14.08	228	701326	45.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	391009	35.88	ng	#	96
84) Di-n-octyl phthalate	14.70	149	681584	36.42	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	585032	47.61	ng		99
87) Benzo(b)fluoranthene	15.16	252	704773	44.74	ng	#	96
88) Benzo(k)fluoranthene	15.18	252	574319m	43.38	ng		
89) Benzo(a)pyrene	15.51	252	615602	45.47	ng		99
90) Dibenzo(a,h)anthracene	17.03	278	483618	43.59	ng		97
91) Benzo(g,h,i)perylene	17.44	276	470918	43.70	ng		99

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

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