Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082197.D
Acq On : 11 Oct 2015 1:42
Operator : UM/IZ
Sample : G3906-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

Quant Time: Oct 12 03:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 02:59:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99608	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	395304	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	196946	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	371397	20.00	ng		0.00
75) Chrysene-d12	14.01	240	341310	20.00	ng		0.00
86) Perylene-d12	15.44	264	276311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	429360	87.00	ng		0.01
7) Phenol-d6	6.47	99	357470	55.66	ng		-0.01
23) Nitrobenzene-d5	7.42	82	622207	105.70	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	273699	148.19	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	1236776	104.14	ng		0.00
78) Terphenyl-d14	12.96	244	1284453	99.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	50057	20.19	ng		98
3) Pyridine	3.20	79	110240	19.11	ng		98
4) n-Nitrosodimethylamine	3.15	42	52123	21.31	ng		99
6) Aniline	6.50	93	235186	28.40	ng		97
8) 2-Chlorophenol	6.63	128	240437	39.91	ng		98
9) Benzaldehyde	6.39	77	188448	57.46	ng		97
10) Phenol	6.49	94	136422	18.42	ng		85
11) bis(2-Chloroethyl)ether	6.58	93	288310	46.04	ng		95
12) 1,3-Dichlorobenzene	6.78	146	305759	43.58	ng		99
13) 1,4-Dichlorobenzene	6.86	146	321262	43.84	ng		99
14) 1,2-Dichlorobenzene	7.01	146	287712	41.35	ng		98
15) Benzyl Alcohol	6.98	79	158391	35.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	388678	44.57	ng		98
17) 2-Methylphenol	7.10	107	170478	35.78	ng		98
18) Hexachloroethane	7.35	117	104290	41.58	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	196262	43.51	ng	#	88
20) 3+4-Methylphenols	7.26	107	186516	32.85	ng	#	88
22) Acetophenone	7.26	105	385496	49.30	ng		94
24) Nitrobenzene	7.43	77	273724	42.96	ng		97
25) Isophorone	7.67	82	555953	46.80	ng		99
26) 2-Nitrophenol	7.75	139	161280	50.69	ng		96
27) 2,4-Dimethylphenol	7.78	122	218385	42.61	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	350820	50.75	ng		100
29) 2,4-Dichlorophenol	7.99	162	260181	50.78	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	269126	45.57	ng		97
31) Naphthalene	8.15	128	842607	49.17	ng		100
32) Benzoic acid	7.89	122	53776	15.63	ng		95
33) 4-Chloroaniline	8.21	127	199444	28.03	ng		96
34) Hexachlorobutadiene	8.26	225	162782	44.23	ng		99
35) Caprolactam	8.59	113	15065m	10.13	ng		
36) 4-Chloro-3-methylphenol	8.69	107	238070	47.51	ng		90
37) 2-Methylnaphthalene	8.85	142	599285	50.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	266496	45.49	ng		99
40) Hexachlorocyclopentadiene	8.99	237	259230	86.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	181089	46.54	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	201497	47.81	ng		97
45) 1,1'-Biphenyl	9.30	154	678001	45.15	ng		99
46) 2-Chloronaphthalene	9.34	162	570956	48.29	ng		99
47) 2-Nitroaniline	9.44	65	164438	50.66	ng	#	59
48) Acenaphthylene	9.75	152	859362	46.66	ng		99
49) Dimethylphthalate	9.61	163	657937	47.44	ng		100
50) 2,6-Dinitrotoluene	9.68	165	151328	51.71	ng		93
51) Acenaphthene	9.92	154	519808	47.01	ng		99
52) 3-Nitroaniline	9.85	138	89100	26.96	ng		97
53) 2,4-Dinitrophenol	9.95	184	133346	81.42	ng	#	78
54) Dibenzofuran	10.09	168	738730	48.67	ng		98
55) 4-Nitrophenol	10.01	139	81540	43.54	ng		85
56) 2,4-Dinitrotoluene	10.08	165	177828	48.62	ng		91
57) Fluorene	10.43	166	601133	48.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	159737	46.39	ng		100
59) Diethylphthalate	10.31	149	617783	47.79	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	268705	47.05	ng		99
61) 4-Nitroaniline	10.47	138	143962	44.90	ng		98
62) Azobenzene	10.58	77	602127	47.59	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	100129	48.04	ng		83
65) n-Nitrosodiphenylamine	10.55	169	513307	46.16	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	179293	48.24	ng		98
67) Hexachlorobenzene	10.98	284	204707	50.92	ng		98
68) Atrazine	11.07	200	167662	47.59	ng		99
69) Pentachlorophenol	11.18	266	211378	102.19	ng		98
70) Phenanthrene	11.39	178	860962	47.29	ng		99
71) Anthracene	11.45	178	1000972	53.36	ng		100
72) Carbazole	11.60	167	817545	47.77	ng		99
73) Di-n-butylphthalate	11.93	149	1017726	48.21	ng		100
74) Fluoranthene	12.58	202	980214	50.13	ng		99
76) Benzidine	12.71	184	337247	34.10	ng		98
77) Pyrene	12.81	202	939582	46.39	ng		99
79) Butylbenzylphthalate	13.43	149	439010	47.49	ng		99
80) Benzo(a)anthracene	14.00	228	843608	47.50	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	198675	29.47	ng		99
82) Chrysene	14.04	228	756077	40.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	642848	48.75	ng		100
84) Di-n-octyl phthalate	14.60	149	1033648	45.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	694160	46.67	ng		100
87) Benzo(b)fluoranthene	15.03	252	925465m	55.05	ng		
88) Benzo(k)fluoranthene	15.06	252	598661m	42.37	ng		
89) Benzo(a)pyrene	15.38	252	702824	48.65	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	584455	49.37	ng		99
91) Benzo(g,h,i)perylene	17.28	276	563382	48.98	ng		99

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

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