Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083509.D
Acq On : 5 Dec 2015 12:29
Operator : UM/IZ
Sample : G4595-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151124MGP211BRV71MS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:53 PM

Quant Time: Dec 07 01:11:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	143772	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	553172	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	271416	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	496322	20.00	ng		0.00
75) Chrysene-d12	17.05	240	383945	20.00	ng		0.00
86) Perylene-d12	18.68	264	320775	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.04	112	530549	55.98	ng		0.01
7) Phenol-d6	5.32	99	425359	32.58	ng		0.00
23) Nitrobenzene-d5	6.60	82	1056462	89.27	ng		0.00
41) 2,4,6-Tribromophenol	11.76	330	339508	135.60	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	1739249	86.92	ng		0.00
78) Terphenyl-d14	15.49	244	1645382	95.36	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	74039	14.90	ng	#	90
3) Pyridine	2.36	79	142337	12.00	ng		99
4) n-Nitrosodimethylamine	2.30	42	87714	14.68	ng		96
6) Aniline	5.32	93	323981	19.06	ng		94
8) 2-Chlorophenol	5.48	128	349934	33.20	ng		99
9) Benzaldehyde	5.16	77	163553	21.85	ng		91
10) Phenol	5.34	94	191654	12.55	ng		91
11) bis(2-Chloroethyl)ether	5.42	93	455974	40.29	ng		97
12) 1,3-Dichlorobenzene	5.69	146	418592	35.81	ng		99
13) 1,4-Dichlorobenzene	5.79	146	428946	35.94	ng		97
14) 1,2-Dichlorobenzene	6.01	146	406772	37.06	ng		99
15) Benzyl Alcohol	6.01	79	261858	28.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	844880	40.27	ng		90
17) 2-Methylphenol	6.20	107	238680	27.44	ng	#	90
18) Hexachloroethane	6.49	117	149674	35.93	ng	#	84
19) n-Nitroso-di-n-propylamine	6.41	70	400721	46.00	ng		98
20) 3+4-Methylphenols	6.44	107	290755	25.73	ng		94
22) Acetophenone	6.37	105	671179	42.12	ng	#	94
24) Nitrobenzene	6.62	77	562797	43.18	ng		99
25) Isophorone	7.00	82	1010458	44.46	ng		99
26) 2-Nitrophenol	7.10	139	217553	42.30	ng		97
27) 2,4-Dimethylphenol	7.23	122	354555	39.02	ng		99
28) bis(2-Chloroethoxy)methane	7.36	93	595596	47.03	ng		99
29) 2,4-Dichlorophenol	7.50	162	357925	43.62	ng		98
30) 1,2,4-Trichlorobenzene	7.60	180	362737	39.98	ng		98
31) Naphthalene	7.71	128	1257804	42.72	ng		99
32) Benzoic acid	7.46	122	61077	14.31	ng		93
33) 4-Chloroaniline	7.84	127	253617	22.02	ng		94
34) Hexachlorobutadiene	7.92	225	197830	36.90	ng		99
35) Caprolactam	8.43	113	17131	6.56	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	368676	39.92	ng		98
37) 2-Methylnaphthalene	8.81	142	830839	45.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	377326	42.28	ng	#	100
40) Hexachlorocyclopentadiene	9.07	237	226520	66.72	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	250167	44.65	ng		98
43) 2,4,5-Trichlorophenol	9.37	196	267395	46.33	ng	#	93
45) 1,1'-Biphenyl	9.57	154	1027921	42.62	ng		99
46) 2-Chloronaphthalene	9.58	162	806592	44.38	ng		98
47) 2-Nitroaniline	9.79	65	316844	48.94	ng	#	81
48) Acenaphthylene	10.24	152	1298561	43.63	ng		99
49) Dimethylphthalate	10.12	163	1005620	47.07	ng		99
50) 2,6-Dinitrotoluene	10.20	165	221925	49.34	ng	#	81
51) Acenaphthene	10.52	154	801207	46.79	ng		100
52) 3-Nitroaniline	10.46	138	120555	24.86	ng	#	87
53) 2,4-Dinitrophenol	10.65	184	201778	86.42	ng		97
54) Dibenzofuran	10.81	168	1179351	49.71	ng		99
55) 4-Nitrophenol	10.85	139	74214m	27.17	ng		
56) 2,4-Dinitrotoluene	10.85	165	289845	49.34	ng	#	81
57) Fluorene	11.36	166	934744	45.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.04	232	214763	49.75	ng	#	100
59) Diethylphthalate	11.25	149	958484	46.63	ng		99
60) 4-Chlorophenyl-phenylether	11.38	204	442160	44.70	ng		98
61) 4-Nitroaniline	11.46	138	191122	43.50	ng		89
62) Azobenzene	11.64	77	1212866	55.30	ng		99
64) 4,6-Dinitro-2-methylphenol	11.52	198	146041	43.92	ng	#	80
65) n-Nitrosodiphenylamine	11.60	169	794783	48.37	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	254830	46.98	ng		96
67) Hexachlorobenzene	12.25	284	278706	48.07	ng	#	83
68) Atrazine	12.51	200	242353	48.77	ng		98
69) Pentachlorophenol	12.59	266	265805	99.70	ng		98
70) Phenanthrene	12.90	178	1373965	47.56	ng		99
71) Anthracene	12.98	178	1405378	47.70	ng		99
72) Carbazole	13.28	167	1239663	49.00	ng		98
73) Di-n-butylphthalate	13.92	149	1556569	51.08	ng		99
74) Fluoranthene	14.82	202	1376018	48.06	ng		97
76) Benzidine	15.11	184	42733	3.08	ng		96
77) Pyrene	15.17	202	1411259	49.14	ng		98
79) Butylbenzylphthalate	16.32	149	606134	53.67	ng		93
80) Benzo(a)anthracene	17.04	228	1084813	48.29	ng		99
81) 3,3'-Dichlorobenzidine	17.03	252	184715	25.71	ng		98
82) Chrysene	17.08	228	1022033	45.67	ng		99
83) Bis(2-ethylhexyl)phthalate	17.16	149	839088	56.62	ng	#	98
84) Di-n-octyl phthalate	17.93	149	1229758	58.18	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1001877	52.23	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	1083896m	60.17	ng		
88) Benzo(k)fluoranthene	18.33	252	645349m	34.97	ng		
89) Benzo(a)pyrene	18.63	252	843848	48.16	ng	#	95
90) Dibenzo(a,h)anthracene	19.94	278	842287	49.96	ng		98
91) Benzo(g,h,i)perylene	20.28	276	858772	50.55	ng		98

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

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