Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082184.D
Acq On : 10 Oct 2015 19:09
Operator : UM/IZ
Sample : G3979-09MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A13COMPMS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:24 PM

Quant Time: Oct 12 02:44:25 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 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96686m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	386526	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197043	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	377514	20.00	ng	0.00
75) Chrysene-d12	14.01	240	332251	20.00	ng	0.00
86) Perylene-d12	15.44	264	262340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	632540	132.04	ng	0.02
7) Phenol-d6	6.48	99	814722	130.68	ng	0.00
23) Nitrobenzene-d5	7.42	82	591900	102.84	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	269026	145.58	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1224738	103.08	ng	0.00
78) Terphenyl-d14	12.96	244	1232757	98.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	84581	35.14	ng	# 83
3) Pyridine	3.29	79	132426	23.66	ng	97
4) n-Nitrosodimethylamine	3.22	42	102042	42.98	ng	98
6) Aniline	6.50	93	172298m	21.44	ng	
8) 2-Chlorophenol	6.63	128	269742	46.12	ng	90
9) Benzaldehyde	6.39	77	92181	28.95	ng	99
10) Phenol	6.49	94	259902	36.16	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	294212	48.40	ng	95
12) 1,3-Dichlorobenzene	6.78	146	272395m	39.99	ng	
13) 1,4-Dichlorobenzene	6.86	146	290098	40.79	ng	99
14) 1,2-Dichlorobenzene	7.01	146	253404	37.52	ng	100
15) Benzyl Alcohol	6.99	79	214242	49.78	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	369069	43.60	ng	93
17) 2-Methylphenol	7.11	107	212810	46.02	ng	97
18) Hexachloroethane	7.35	117	96053	39.45	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	195682	44.70	ng	96
20) 3+4-Methylphenols	7.26	107	250327	45.42	ng	96
22) Acetophenone	7.26	105	360828	47.19	ng	97
24) Nitrobenzene	7.43	77	260878	41.87	ng	99
25) Isophorone	7.67	82	529870	45.61	ng	100
26) 2-Nitrophenol	7.75	139	157967	50.78	ng	98
27) 2,4-Dimethylphenol	7.78	122	236908	47.27	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	337052	49.87	ng	100
29) 2,4-Dichlorophenol	7.99	162	258291	51.55	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	261137	45.22	ng	98
31) Naphthalene	8.15	128	773638	46.17	ng	100
32) Benzoic acid	7.93	122	162889	48.42	ng	97
33) 4-Chloroaniline	8.21	127	119315	17.15	ng	97
34) Hexachlorobutadiene	8.26	225	157884	43.88	ng	99
35) Caprolactam	8.58	113	61012m	41.96	ng	
36) 4-Chloro-3-methylphenol	8.70	107	256598	52.37	ng	86
37) 2-Methylnaphthalene	8.85	142	570389	49.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	263392	44.94	ng	98
40) Hexachlorocyclopentadiene	8.99	237	278530	92.47	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	174829	44.91	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	203129	48.17	ng	#	94
45) 1,1'-Biphenyl	9.30	154	658079	43.80	ng		99
46) 2-Chloronaphthalene	9.34	162	553602	46.80	ng		99
47) 2-Nitroaniline	9.44	65	159611	49.15	ng	#	64
48) Acenaphthylene	9.75	152	852645	46.27	ng		100
49) Dimethylphthalate	9.61	163	639757	46.11	ng		99
50) 2,6-Dinitrotoluene	9.68	165	149364	51.02	ng		93
51) Acenaphthene	9.92	154	496275	44.86	ng		100
52) 3-Nitroaniline	9.85	138	83145	25.14	ng		99
53) 2,4-Dinitrophenol	9.95	184	163813	98.52	ng	#	85
54) Dibenzofuran	10.09	168	704891	46.41	ng		97
55) 4-Nitrophenol	10.02	139	196743	84.26	ng		95
56) 2,4-Dinitrotoluene	10.08	165	167741	45.84	ng	#	87
57) Fluorene	10.43	166	579067	46.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	166353	48.28	ng		96
59) Diethylphthalate	10.31	149	621898	48.08	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	266575	46.66	ng		99
61) 4-Nitroaniline	10.47	138	140026	43.65	ng		95
62) Azobenzene	10.58	77	591425	46.72	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	103921	49.05	ng		80
65) n-Nitrosodiphenylamine	10.55	169	495732	43.86	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	176237	46.65	ng		98
67) Hexachlorobenzene	10.98	284	196975	48.21	ng		95
68) Atrazine	11.07	200	166707	46.55	ng		98
69) Pentachlorophenol	11.18	266	212929	101.27	ng		98
70) Phenanthrene	11.40	178	823471	44.50	ng		100
71) Anthracene	11.45	178	976052	51.19	ng		99
72) Carbazole	11.61	167	828874	47.65	ng		98
73) Di-n-butylphthalate	11.93	149	959683	44.72	ng		100
74) Fluoranthene	12.58	202	912622	45.92	ng		98
76) Benzidine	12.71	184	74701	7.76	ng		100
77) Pyrene	12.81	202	914462	46.38	ng		99
79) Butylbenzylphthalate	13.43	149	410708	45.64	ng		96
80) Benzo(a)anthracene	14.00	228	807530	46.71	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	212115	32.33	ng		100
82) Chrysene	14.05	228	766938	42.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	633932	49.38	ng		100
84) Di-n-octyl phthalate	14.61	149	1035441	46.97	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	646401	44.65	ng		99
87) Benzo(b)fluoranthene	15.03	252	837816m	52.49	ng		
88) Benzo(k)fluoranthene	15.06	252	574048m	42.79	ng		
89) Benzo(a)pyrene	15.38	252	675998	49.28	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	542695	48.28	ng		99
91) Benzo(g,h,i)perylene	17.28	276	530645	48.59	ng		99

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

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