Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081139.D
Acq On : 20 Aug 2015 22:46
Operator : UM/IZ
Sample : G3350-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MSD

Manual Integrations APPROVED
MMDadoda
8/21/2015 2:03:48 PM

Quant Time: Aug 21 03:50:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	59323	20.00	ng		0.01
21) Naphthalene-d8	7.90	136	143929	20.00	ng		0.02
38) Acenaphthene-d10	9.69	164	66961	20.00	ng		0.07
63) Phenanthrene-d10	11.16	188	123921	20.00	ng		0.07
75) Chrysene-d12	13.72	240	113111	20.00	ng		0.01
86) Perylene-d12	15.04	264	110350	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	482425	122.32	ng		0.01
7) Phenol-d6	6.23	99	580614	112.83	ng		0.00
23) Nitrobenzene-d5	7.17	82	407665	129.39	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	64455	111.04	ng		0.07
44) 2-Fluorobiphenyl	9.01	172	370213	72.44	ng		0.05
78) Terphenyl-d14	12.70	244	331169	62.77	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	57886	31.15	ng		96
3) Pyridine	2.64	79	146085	27.85	ng	#	81
4) n-Nitrosodimethylamine	2.60	42	104141	35.66	ng	#	76
6) Aniline	6.24	93	79970	10.69	ng	#	1
8) 2-Chlorophenol	6.37	128	144444	33.46	ng		96
9) Benzaldehyde	6.14	77	99104m	29.87	ng		
10) Phenol	6.24	94	192907	31.74	ng		98
11) bis(2-Chloroethyl)ether	6.33	93	150709	32.32	ng		87
12) 1,3-Dichlorobenzene	6.53	146	143448	30.92	ng	#	95
13) 1,4-Dichlorobenzene	6.61	146	140243	30.53	ng	#	87
14) 1,2-Dichlorobenzene	6.77	146	122589m	28.52	ng		
15) Benzyl Alcohol	6.74	79	129688	31.15	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	199548	21.78	ng	#	1
17) 2-Methylphenol	6.86	107	127312	34.37	ng	#	65
18) Hexachloroethane	7.18	117	1305004	703.16	ng	#	54
19) n-Nitroso-di-n-propylamine	7.02	70	200834	56.34	ng	#	90
20) 3+4-Methylphenols	7.03	107	146863	31.24	ng	#	87
22) Acetophenone	7.01	105	1023564	270.88	ng	#	44
24) Nitrobenzene	7.18	77	360734	109.50	ng	#	62
25) Isophorone	7.43	82	386988	65.86	ng	#	24
26) 2-Nitrophenol	7.51	139	102558	74.86	ng	#	1
27) 2,4-Dimethylphenol	7.57	122	120687	49.80	ng	#	92
28) bis(2-Chloroethoxy)methane	7.67	93	188052	54.18	ng	#	6
29) 2,4-Dichlorophenol	7.77	162	116035	56.87	ng	#	67
30) 1,2,4-Trichlorobenzene	7.85	180	100159	44.16	ng	#	88
31) Naphthalene	7.93	128	2069899	258.00	ng	#	85
33) 4-Chloroaniline	7.93	127	446367	131.86	ng	#	48
34) Hexachlorobutadiene	8.06	225	54630	42.60	ng		97
35) Caprolactam	8.38	113	264179	370.43	ng	#	7
36) 4-Chloro-3-methylphenol	8.48	107	113825	46.81	ng	#	87
37) 2-Methylnaphthalene	8.66	142	3837346	757.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	67742	31.36	ng	#	80
40) Hexachlorocyclopentadiene	8.80	237	48178	43.08	ng		97
42) 2,4,6-Trichlorophenol	8.93	196	89457	58.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.93	196	89457	58.64	ng	#	1
45) 1,1'-Biphenyl	9.11	154	618243	104.82	ng		94
46) 2-Chloronaphthalene	9.14	162	163305	34.46	ng	#	15
47) 2-Nitroaniline	9.22	65	137577	70.95	ng	#	79
48) Acenaphthylene	9.56	152	326562	38.53	ng	#	59
49) Dimethylphthalate	9.41	163	150285	27.25	ng	#	85
50) 2,6-Dinitrotoluene	9.49	165	37531	31.70	ng	#	1
51) Acenaphthene	9.73	154	333648	65.75	ng	#	77
54) Dibenzofuran	9.90	168	342298	50.34	ng	#	36
55) 4-Nitrophenol	9.80	139	178503	171.53	ng	#	53
56) 2,4-Dinitrotoluene	9.91	165	111248	70.89	ng	#	79
57) Fluorene	10.24	166	618004	118.14	ng	#	75
59) Diethylphthalate	10.10	149	176206	30.19	ng	#	82
60) 4-Chlorophenyl-phenylether	10.23	204	82468	37.26	ng	#	1
62) Azobenzene	10.39	77	157072	23.35	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.31	198	13134	17.75	ng	#	1
65) n-Nitrosodiphenylamine	10.33	169	646473m	146.14	ng		
66) 4-Bromophenyl-phenylether	10.71	248	42833	35.18	ng	#	1
67) Hexachlorobenzene	10.82	284	38180	30.97	ng	#	47
68) Atrazine	10.87	200	67207	54.53	ng	#	72
69) Pentachlorophenol	10.98	266	45364	61.33	ng		99
70) Phenanthrene	11.19	178	1380272	187.94	ng	#	93
71) Anthracene	11.24	178	355103	49.69	ng	#	80
72) Carbazole	11.39	167	278752	40.51	ng	#	66
73) Di-n-butylphthalate	11.72	149	299579	35.98	ng	#	93
74) Fluoranthene	12.35	202	327162	41.28	ng		87
76) Benzidine	12.45	184	61822	14.47	ng	#	75
77) Pyrene	12.56	202	630215	68.54	ng		96
79) Butylbenzylphthalate	13.16	149	140169	35.46	ng	#	60
80) Benzo(a)anthracene	13.71	228	260851	34.39	ng		97
81) 3,3'-Dichlorobenzidine	13.67	252	58152	23.67	ng		99
82) Chrysene	13.74	228	269284	39.39	ng		98
83) Bis(2-ethylhexyl)phthalate	13.72	149	218505	43.16	ng		99
84) Di-n-octyl phthalate	14.32	149	329397	42.81	ng		98
85) Indeno(1,2,3-cd)pyrene	16.24	276	271488	56.56	ng		95
87) Benzo(b)fluoranthene	14.69	252	264909m	33.94	ng		
88) Benzo(k)fluoranthene	14.71	252	189287m	26.03	ng		
89) Benzo(a)pyrene	14.99	252	227700	33.48	ng	#	97
90) Dibenzo(a,h)anthracene	16.25	278	225741	42.60	ng	#	93
91) Benzo(g,h,i)perylene	16.60	276	230299	42.83	ng	#	90

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

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