Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081507.D
Acq On : 6 Sep 2015 13:46
Operator : UM/IZ
Sample : G3472-06MS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB003MS

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:58:13 PM

Quant Time: Sep 07 06:46:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 05:41:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52687	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	192883	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	84592	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	144215	20.00	ng		0.00
75) Chrysene-d12	13.49	240	102485	20.00	ng		0.02
86) Perylene-d12	14.79	264	99018	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	272196	80.16	ng		0.01
7) Phenol-d6	6.03	99	383239	85.26	ng		0.00
23) Nitrobenzene-d5	6.94	82	228855	57.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.17	330	54564	72.44	ng		-0.01
44) 2-Fluorobiphenyl	8.73	172	336745	51.01	ng		-0.01
78) Terphenyl-d14	12.45	244	199213	45.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	34592	22.68	ng	#	78
3) Pyridine	2.27	79	79111	18.81	ng	#	85
4) n-Nitrosodimethylamine	2.23	42	68671	29.39	ng	#	69
6) Aniline	6.02	93	87823	13.84	ng	#	65
8) 2-Chlorophenol	6.15	128	97884	26.16	ng		93
9) Benzaldehyde	5.90	77	73150	25.97	ng	#	87
10) Phenol	6.04	94	154468	29.63	ng	#	57
11) bis(2-Chloroethyl)ether	6.11	93	113189	30.10	ng		97
12) 1,3-Dichlorobenzene	6.30	146	104555	26.15	ng	#	94
13) 1,4-Dichlorobenzene	6.38	146	109070	26.79	ng	#	91
14) 1,2-Dichlorobenzene	6.52	146	97198m	26.52	ng		
15) Benzyl Alcohol	6.52	79	98475	26.71	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.66	45	203875	28.28	ng	#	26
17) 2-Methylphenol	6.66	107	80429	26.94	ng	#	76
18) Hexachloroethane	6.87	117	40234	25.40	ng		90
19) n-Nitroso-di-n-propylamine	6.80	70	78355	25.61	ng	#	90
20) 3+4-Methylphenols	6.82	107	114250	28.38	ng		88
22) Acetophenone	6.79	105	152481	28.94	ng	#	77
24) Nitrobenzene	6.96	77	117071	28.20	ng	#	72
25) Isophorone	7.20	82	199269	26.80	ng	#	82
26) 2-Nitrophenol	7.28	139	48327	26.71	ng	#	66
27) 2,4-Dimethylphenol	7.34	122	86415	27.65	ng	#	74
28) bis(2-Chloroethoxy)methane	7.43	93	123251	28.69	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	74423	27.46	ng		96
30) 1,2,4-Trichlorobenzene	7.60	180	83680	28.42	ng		98
31) Naphthalene	7.67	128	414967	40.34	ng		98
33) 4-Chloroaniline	7.74	127	56179	13.39	ng	#	81
34) Hexachlorobutadiene	7.79	225	47766	26.66	ng		96
35) Caprolactam	8.10	113	23257	27.98	ng	#	1
36) 4-Chloro-3-methylphenol	8.24	107	90375	29.79	ng	#	69
37) 2-Methylnaphthalene	8.36	142	246116	36.77	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	71552	26.75	ng		98
40) Hexachlorocyclopentadiene	8.51	237	7173	5.46	ng		95
42) 2,4,6-Trichlorophenol	8.65	196	55520	30.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.70	196	55365	29.39	ng	#	88
45) 1,1'-Biphenyl	8.82	154	208747	26.82	ng		95
46) 2-Chloronaphthalene	8.84	162	171229	30.47	ng	#	91
47) 2-Nitroaniline	8.95	65	64066	27.97	ng	#	50
48) Acenaphthylene	9.26	152	437982	43.93	ng		97
49) Dimethylphthalate	9.14	163	273337	41.59	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	33743	22.62	ng	#	1
51) Acenaphthene	9.43	154	278080	49.03	ng		90
52) 3-Nitroaniline	9.36	138	31750	18.70	ng	#	31
53) 2,4-Dinitrophenol	9.48	184	5235	8.33	ng	#	23
54) Dibenzofuran	9.60	168	380248	45.91	ng	#	91
55) 4-Nitrophenol	9.55	139	53015m	49.69	ng		
56) 2,4-Dinitrotoluene	9.60	165	50224	26.44	ng	#	15
57) Fluorene	9.93	166	305895	48.67	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	40861	28.41	ng	#	89
59) Diethylphthalate	9.84	149	204936	29.64	ng		97
60) 4-Chlorophenyl-phenylether	9.94	204	73450	25.07	ng		97
61) 4-Nitroaniline	9.96	138	37417	21.81	ng	#	13
62) Azobenzene	10.09	77	215919	28.09	ng		93
64) 4,6-Dinitro-2-methylphenol	10.01	198	6800	8.43	ng	#	45
65) n-Nitrosodiphenylamine	10.06	169	169369	32.27	ng		90
66) 4-Bromophenyl-phenylether	10.42	248	40273	27.62	ng	#	91
67) Hexachlorobenzene	10.48	284	42494	27.87	ng	#	92
68) Atrazine	10.60	200	42361	27.89	ng		82
69) Pentachlorophenol	10.68	266	40183	56.96	ng		99
70) Phenanthrene	10.90	178	2522998m	314.68	ng		
71) Anthracene	10.94	178	691305m	83.93	ng		
72) Carbazole	11.10	167	424418	54.91	ng	#	95
73) Di-n-butylphthalate	11.45	149	277187	30.37	ng	#	98
74) Fluoranthene	12.08	202	2684021	309.24	ng		93
77) Pyrene	12.30	202	2583255m	340.28	ng		
79) Butylbenzylphthalate	12.93	149	89842	27.21	ng	#	73
80) Benzo(a)anthracene	13.47	228	1228566	188.24	ng		93
81) 3,3'-Dichlorobenzidine	13.45	252	32962	14.97	ng	#	96
82) Chrysene	13.52	228	1212901m	207.32	ng		
83) Bis(2-ethylhexyl)phthalate	13.50	149	132065	30.31	ng	#	91
84) Di-n-octyl phthalate	14.10	149	192576	26.84	ng	#	91
85) Indeno(1,2,3-cd)pyrene	15.90	276	559645	130.38	ng	#	84
87) Benzo(b)fluoranthene	14.47	252	723820m	102.39	ng		
88) Benzo(k)fluoranthene	14.48	252	1119304m	190.82	ng		
89) Benzo(a)pyrene	14.75	252	1013075	169.12	ng	#	86
90) Dibenzo(a,h)anthracene	15.90	278	276121	59.65	ng	#	78
91) Benzo(g,h,i)perylene	16.22	276	461599	104.48	ng	#	73

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

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