Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081395.D
Acq On : 4 Sep 2015 00:58
Operator : UM/IZ
Sample : G3511-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(7-8.5)MSD

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:51:23 PM

Quant Time: Sep 04 03:55:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57147	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	216968	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	104671	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	203135	20.00	ng		0.00
75) Chrysene-d12	13.47	240	163985	20.00	ng		0.00
86) Perylene-d12	14.78	264	107495	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	499917	135.73	ng		0.01
7) Phenol-d6	6.04	99	706225	144.85	ng		0.00
23) Nitrobenzene-d5	6.95	82	424361	94.36	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	147700	158.48	ng		0.00
44) 2-Fluorobiphenyl	8.74	172	646115	79.10	ng		-0.01
78) Terphenyl-d14	12.45	244	654554	92.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	61724	37.31	ng	#	88
3) Pyridine	2.30	79	164906	36.15	ng		94
4) n-Nitrosodimethylamine	2.26	42	108797	42.93	ng	#	76
6) Aniline	6.03	93	119218	17.32	ng	#	70
8) 2-Chlorophenol	6.16	128	191590	47.20	ng		89
9) Benzaldehyde	5.91	77	23604	7.73	ng	#	81
10) Phenol	6.06	94	210521	37.23	ng	#	45
11) bis(2-Chloroethyl)ether	6.12	93	179991	44.12	ng		88
12) 1,3-Dichlorobenzene	6.31	146	186780	43.07	ng	#	91
13) 1,4-Dichlorobenzene	6.39	146	191149	43.29	ng	#	91
14) 1,2-Dichlorobenzene	6.54	146	159711	40.17	ng	#	87
15) Benzyl Alcohol	6.54	79	168742	42.19	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	354994	45.40	ng	#	9
17) 2-Methylphenol	6.67	107	154532	47.72	ng	#	76
18) Hexachloroethane	6.88	117	73625	42.86	ng		90
19) n-Nitroso-di-n-propylamine	6.81	70	145658	43.90	ng	#	88
20) 3+4-Methylphenols	6.83	107	200224	45.85	ng		89
22) Acetophenone	6.80	105	272687	46.01	ng	#	78
24) Nitrobenzene	6.97	77	237949	50.95	ng	#	66
25) Isophorone	7.21	82	369150	44.13	ng	#	82
26) 2-Nitrophenol	7.29	139	99573	48.92	ng	#	59
27) 2,4-Dimethylphenol	7.35	122	144904	41.22	ng	#	74
28) bis(2-Chloroethoxy)methane	7.44	93	216891	44.89	ng	#	92
29) 2,4-Dichlorophenol	7.54	162	147144	48.27	ng		97
30) 1,2,4-Trichlorobenzene	7.61	180	157525	47.56	ng		98
31) Naphthalene	7.68	128	484452	41.87	ng		98
33) 4-Chloroaniline	7.75	127	55543	11.77	ng	#	86
34) Hexachlorobutadiene	7.80	225	87501	43.41	ng		96
35) Caprolactam	8.14	113	47947m	51.28	ng		
36) 4-Chloro-3-methylphenol	8.26	107	174449	51.12	ng	#	74
37) 2-Methylnaphthalene	8.38	142	354443	47.07	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	136454	41.22	ng		99
40) Hexachlorocyclopentadiene	8.52	237	143205	88.15	ng		95
42) 2,4,6-Trichlorophenol	8.66	196	95727	41.90	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.72	196	104311	44.76	ng	#	96
45) 1,1'-Biphenyl	8.84	154	425094	44.14	ng		94
46) 2-Chloronaphthalene	8.86	162	291437	41.91	ng	#	89
47) 2-Nitroaniline	8.97	65	142199	50.17	ng	#	65
48) Acenaphthylene	9.27	152	544667	44.15	ng		98
49) Dimethylphthalate	9.16	163	542367	66.69	ng	#	98
50) 2,6-Dinitrotoluene	9.22	165	80489	43.61	ng	#	94
51) Acenaphthene	9.44	154	318212	45.34	ng		88
52) 3-Nitroaniline	9.38	138	55481	26.40	ng	#	77
53) 2,4-Dinitrophenol	9.48	184	16561	21.30	ng	#	1
54) Dibenzofuran	9.61	168	469387	45.80	ng	#	89
55) 4-Nitrophenol	9.58	139	104942m	79.49	ng		
56) 2,4-Dinitrotoluene	9.61	165	95509	40.64	ng	#	7
57) Fluorene	9.94	166	326238	41.95	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.74	232	86948	48.86	ng		92
59) Diethylphthalate	9.85	149	363188	42.46	ng		94
60) 4-Chlorophenyl-phenylether	9.95	204	171060	47.19	ng		96
61) 4-Nitroaniline	9.99	138	79124	37.27	ng	#	26
62) Azobenzene	10.10	77	403231	42.40	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.02	198	45195	39.78	ng		85
65) n-Nitrosodiphenylamine	10.08	169	316087	42.76	ng		91
66) 4-Bromophenyl-phenylether	10.43	248	94858	46.18	ng		98
67) Hexachlorobenzene	10.49	284	96695	45.03	ng	#	80
68) Atrazine	10.62	200	106429	49.76	ng		82
69) Pentachlorophenol	10.68	266	88479	84.12	ng		99
70) Phenanthrene	10.89	178	448465	39.71	ng		97
71) Anthracene	10.95	178	516938	44.55	ng		99
72) Carbazole	11.11	167	470721	43.23	ng		96
73) Di-n-butylphthalate	11.46	149	572033	44.49	ng	#	98
74) Fluoranthene	12.07	202	535785	43.83	ng		85
76) Benzidine	12.20	184	117421	16.68	ng		98
77) Pyrene	12.28	202	536937	44.20	ng		98
79) Butylbenzylphthalate	12.94	149	242961	45.99	ng	#	81
80) Benzo(a)anthracene	13.46	228	432342	41.40	ng		97
81) 3,3'-Dichlorobenzidine	13.45	252	69917	19.85	ng	#	92
82) Chrysene	13.51	228	385924	41.23	ng		96
83) Bis(2-ethylhexyl)phthalate	13.51	149	312100	44.77	ng	#	94
84) Di-n-octyl phthalate	14.11	149	482624	42.04	ng		99
85) Indeno(1,2,3-cd)pyrene	15.86	276	264106	38.45	ng	#	86
87) Benzo(b)fluoranthene	14.46	252	354555m	46.20	ng		
88) Benzo(k)fluoranthene	14.48	252	275638m	43.29	ng		
89) Benzo(a)pyrene	14.73	252	272923	41.97	ng	#	88
90) Dibenzo(a,h)anthracene	15.87	278	225709	44.92	ng	#	80
91) Benzo(g,h,i)perylene	16.18	276	220711	46.02	ng	#	73

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

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