Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081473.D
Acq On : 5 Sep 2015 19:25
Operator : UM/IZ
Sample : G3559-05MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MSD

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:57:39 PM

Quant Time: Sep 07 03:48:45 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 02:47:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	50927	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	195475	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	92733	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	188378	20.00	ng		0.00
75) Chrysene-d12	13.46	240	149574	20.00	ng		0.00
86) Perylene-d12	14.77	264	100818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	418189	127.40	ng		0.01
7) Phenol-d6	6.03	99	563015	129.58	ng		0.00
23) Nitrobenzene-d5	6.94	82	375367	92.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	138319	167.52	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	527190	72.85	ng		0.00
78) Terphenyl-d14	12.43	244	552041	85.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	48220	32.71	ng	#	85
3) Pyridine	2.25	79	136247	33.52	ng	#	88
4) n-Nitrosodimethylamine	2.22	42	100305	44.42	ng	#	78
6) Aniline	6.02	93	201529	32.85	ng	#	76
8) 2-Chlorophenol	6.15	128	167987	46.44	ng		92
9) Benzaldehyde	5.90	77	16603	6.10	ng	#	79
10) Phenol	6.04	94	213374	42.35	ng	#	46
11) bis(2-Chloroethyl)ether	6.11	93	168391	46.32	ng		89
12) 1,3-Dichlorobenzene	6.30	146	163153	42.22	ng	#	93
13) 1,4-Dichlorobenzene	6.38	146	167509	42.57	ng	#	91
14) 1,2-Dichlorobenzene	6.52	146	138365	39.05	ng	#	86
15) Benzyl Alcohol	6.52	79	155935	43.75	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	332935	47.78	ng		83
17) 2-Methylphenol	6.66	107	141452	49.01	ng	#	76
18) Hexachloroethane	6.87	117	61222	39.99	ng		93
19) n-Nitroso-di-n-propylamine	6.81	70	145535	49.22	ng	#	84
20) 3+4-Methylphenols	6.82	107	187447	48.17	ng		88
22) Acetophenone	6.79	105	251350	47.08	ng	#	75
24) Nitrobenzene	6.96	77	198481	47.17	ng	#	63
25) Isophorone	7.21	82	359354	47.69	ng	#	87
26) 2-Nitrophenol	7.28	139	91358	49.82	ng	#	51
27) 2,4-Dimethylphenol	7.35	122	153456	48.45	ng	#	85
28) bis(2-Chloroethoxy)methane	7.43	93	194161	44.60	ng	#	90
29) 2,4-Dichlorophenol	7.53	162	140507	51.16	ng		98
30) 1,2,4-Trichlorobenzene	7.60	180	143198	47.99	ng		97
31) Naphthalene	7.67	128	434582	41.69	ng		98
32) Benzoic acid	7.45	122	10364	6.88	ng	#	60
33) 4-Chloroaniline	7.74	127	113538	26.70	ng	#	82
34) Hexachlorobutadiene	7.80	225	78706	43.34	ng		98
35) Caprolactam	8.12	113	50701m	60.19	ng		
36) 4-Chloro-3-methylphenol	8.25	107	174634	56.80	ng	#	75
37) 2-Methylnaphthalene	8.36	142	335574	49.46	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	129128	44.03	ng		99
40) Hexachlorocyclopentadiene	8.51	237	129968	90.30	ng		95

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42) 2,4,6-Trichlorophenol	8.65	196	92119	45.51	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	98441	47.67	ng	#	93
45) 1,1'-Biphenyl	8.83	154	383449	44.95	ng		93
46) 2-Chloronaphthalene	8.84	162	280283	45.49	ng	#	89
47) 2-Nitroaniline	8.96	65	139280	55.47	ng	#	69
48) Acenaphthylene	9.26	152	496212	45.40	ng		97
49) Dimethylphthalate	9.15	163	550638	76.43	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	79448	48.58	ng		93
51) Acenaphthene	9.43	154	301186	48.44	ng		90
52) 3-Nitroaniline	9.37	138	72887	39.15	ng	#	67
53) 2,4-Dinitrophenol	9.47	184	35795	51.97	ng	#	1
54) Dibenzofuran	9.60	168	446683	49.20	ng	#	91
55) 4-Nitrophenol	9.56	139	111539m	95.37	ng		
56) 2,4-Dinitrotoluene	9.60	165	98676	47.39	ng	#	3
57) Fluorene	9.93	166	312836	45.40	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	85378m	54.16	ng		
59) Diethylphthalate	9.84	149	359513	47.44	ng		94
60) 4-Chlorophenyl-phenylether	9.94	204	165931	51.67	ng		95
61) 4-Nitroaniline	9.98	138	79414	42.22	ng	#	23
62) Azobenzene	10.09	77	392377	46.57	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	52664	49.98	ng		97
65) n-Nitrosodiphenylamine	10.07	169	305882	44.62	ng		92
66) 4-Bromophenyl-phenylether	10.42	248	93577	49.13	ng		96
67) Hexachlorobenzene	10.48	284	93365	46.88	ng	#	77
68) Atrazine	10.60	200	106849	53.87	ng		82
69) Pentachlorophenol	10.67	266	95250	96.25	ng		98
70) Phenanthrene	10.88	178	461682	44.08	ng		97
71) Anthracene	10.94	178	474703	44.12	ng		98
72) Carbazole	11.10	167	493051	48.83	ng		96
73) Di-n-butylphthalate	11.45	149	606942	50.91	ng	#	99
74) Fluoranthene	12.06	202	516800	45.58	ng		83
76) Benzidine	12.19	184	235117	36.62	ng		98
77) Pyrene	12.27	202	544196	49.12	ng		98
79) Butylbenzylphthalate	12.92	149	255299	52.98	ng		87
80) Benzo(a)anthracene	13.45	228	413568	43.42	ng		96
81) 3,3'-Dichlorobenzidine	13.43	252	99512	30.97	ng	#	96
82) Chrysene	13.49	228	351355	41.15	ng		96
83) Bis(2-ethylhexyl)phthalate	13.49	149	318032	50.01	ng	#	88
84) Di-n-octyl phthalate	14.09	149	498371	47.60	ng		97
85) Indeno(1,2,3-cd)pyrene	15.84	276	296168	47.28	ng	#	86
87) Benzo(b)fluoranthene	14.45	252	384924m	53.48	ng		
88) Benzo(k)fluoranthene	14.47	252	272370m	45.61	ng		
89) Benzo(a)pyrene	14.72	252	288550	47.31	ng	#	87
90) Dibenzo(a,h)anthracene	15.85	278	250025	53.05	ng	#	82
91) Benzo(g,h,i)perylene	16.16	276	250602	55.71	ng	#	74

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

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