Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081472.D
Acq On : 5 Sep 2015 18:54
Operator : UM/IZ
Sample : G3559-05MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP2240BR-23-25MS

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:57:34 PM

Quant Time: Sep 07 03:46:38 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	53481	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	194812	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	95448	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	175217	20.00	ng		0.00
75) Chrysene-d12	13.46	240	117360	20.00	ng		0.00
86) Perylene-d12	14.77	264	90296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	399082	115.78	ng		0.01
7) Phenol-d6	6.03	99	545454	119.55	ng		0.00
23) Nitrobenzene-d5	6.94	82	354555	87.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	121527	142.99	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	519139	69.70	ng		0.00
78) Terphenyl-d14	12.43	244	423757	84.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	44368	28.66	ng	#	88
3) Pyridine	2.24	79	108809	25.49	ng	#	88
4) n-Nitrosodimethylamine	2.20	42	93038	39.23	ng	#	75
6) Aniline	6.02	93	213914	33.20	ng	#	76
8) 2-Chlorophenol	6.15	128	161320	42.47	ng		92
9) Benzaldehyde	5.90	77	16579	5.80	ng	#	78
10) Phenol	6.04	94	216466	40.91	ng	#	48
11) bis(2-Chloroethyl)ether	6.11	93	155028	40.61	ng		88
12) 1,3-Dichlorobenzene	6.30	146	156143	38.47	ng	#	91
13) 1,4-Dichlorobenzene	6.38	146	158157	38.27	ng	#	90
14) 1,2-Dichlorobenzene	6.52	146	138638	37.26	ng	#	86
15) Benzyl Alcohol	6.52	79	150902	40.32	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.66	45	317806	43.43	ng	#	4
17) 2-Methylphenol	6.66	107	136659	45.09	ng	#	75
18) Hexachloroethane	6.87	117	60237	37.47	ng		92
19) n-Nitroso-di-n-propylamine	6.81	70	138431	44.58	ng	#	83
20) 3+4-Methylphenols	6.82	107	181875	44.51	ng		88
22) Acetophenone	6.79	105	236918	44.52	ng	#	75
24) Nitrobenzene	6.96	77	196020	46.75	ng	#	63
25) Isophorone	7.21	82	342358	45.58	ng	#	87
26) 2-Nitrophenol	7.28	139	85281	46.66	ng	#	52
27) 2,4-Dimethylphenol	7.35	122	141487	44.82	ng	#	84
28) bis(2-Chloroethoxy)methane	7.43	93	187884	43.31	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	132081	48.25	ng		98
30) 1,2,4-Trichlorobenzene	7.60	180	137081	46.10	ng		97
31) Naphthalene	7.67	128	414797	39.92	ng		98
32) Benzoic acid	7.44	122	8248	6.01	ng	#	42
33) 4-Chloroaniline	7.74	127	145844	34.42	ng	#	81
34) Hexachlorobutadiene	7.79	225	79247	43.79	ng		99
35) Caprolactam	8.12	113	46102m	54.91	ng		
36) 4-Chloro-3-methylphenol	8.24	107	155233	50.67	ng	#	69
37) 2-Methylnaphthalene	8.36	142	323938	47.91	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	120120	39.79	ng		99
40) Hexachlorocyclopentadiene	8.51	237	121412	81.96	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92873	44.58	ng		98
43) 2,4,5-Trichlorophenol	8.70	196	88384	41.59	ng	#	79
45) 1,1'-Biphenyl	8.83	154	373132	42.49	ng		94
46) 2-Chloronaphthalene	8.84	162	269745	42.54	ng	#	89
47) 2-Nitroaniline	8.96	65	120442	46.60	ng	#	75
48) Acenaphthylene	9.26	152	463369	41.19	ng		98
49) Dimethylphthalate	9.15	163	540375	72.87	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	67528	40.12	ng		92
51) Acenaphthene	9.43	154	270564	42.27	ng		91
52) 3-Nitroaniline	9.37	138	74111	38.68	ng	#	77
53) 2,4-Dinitrophenol	9.47	184	33659	47.48	ng	#	1
54) Dibenzofuran	9.60	168	405483	43.39	ng	#	91
55) 4-Nitrophenol	9.56	139	108302	89.97	ng	#	31
56) 2,4-Dinitrotoluene	9.60	165	82362	38.43	ng	#	19
57) Fluorene	9.93	166	292357	41.22	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	82347	50.75	ng		97
59) Diethylphthalate	9.84	149	333001	42.69	ng		94
60) 4-Chlorophenyl-phenylether	9.94	204	147293	44.56	ng		95
61) 4-Nitroaniline	9.98	138	69426	35.86	ng	#	22
62) Azobenzene	10.09	77	356985	41.16	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.01	198	44536	45.44	ng		82
65) n-Nitrosodiphenylamine	10.06	169	263141	41.27	ng		91
66) 4-Bromophenyl-phenylether	10.42	248	83819	47.31	ng		93
67) Hexachlorobenzene	10.48	284	84529	45.63	ng	#	75
68) Atrazine	10.60	200	89733	48.63	ng		84
69) Pentachlorophenol	10.67	266	80139	87.90	ng		99
70) Phenanthrene	10.88	178	434438	44.60	ng		97
71) Anthracene	10.93	178	401799	40.15	ng		97
72) Carbazole	11.10	167	442662	47.14	ng		96
73) Di-n-butylphthalate	11.45	149	525309	47.37	ng	#	98
74) Fluoranthene	12.05	202	393160	37.28	ng		91
76) Benzidine	12.19	184	192647	38.24	ng		97
77) Pyrene	12.27	202	472927	54.40	ng		98
79) Butylbenzylphthalate	12.93	149	194791	51.52	ng		99
80) Benzo(a)anthracene	13.45	228	332984	44.55	ng		97
81) 3,3'-Dichlorobenzidine	13.43	252	86232	34.20	ng	#	94
82) Chrysene	13.49	228	253123	37.78	ng		94
83) Bis(2-ethylhexyl)phthalate	13.49	149	225129	45.12	ng	#	89
84) Di-n-octyl phthalate	14.09	149	334627	40.73	ng		96
85) Indeno(1,2,3-cd)pyrene	15.84	276	277434	56.44	ng	#	85
87) Benzo(b)fluoranthene	14.45	252	319865m	49.62	ng		
88) Benzo(k)fluoranthene	14.47	252	177691m	33.22	ng		
89) Benzo(a)pyrene	14.72	252	242518	44.40	ng	#	86
90) Dibenzo(a,h)anthracene	15.85	278	227905	53.99	ng	#	81
91) Benzo(g,h,i)perylene	16.16	276	235696	58.50	ng	#	74

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

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