Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080582.D
Acq On : 23 Jul 2015 4:58
Operator : TP/UM
Sample : G3045-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2MS

Manual Integrations APPROVED
apatel
7/23/2015 11:51:36 AM

Quant Time: Jul 23 06:51:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45630	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	172415	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	75669	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	120348	20.00	ng		0.00
75) Chrysene-d12	14.29	240	82145	20.00	ng		-0.02
86) Perylene-d12	15.97	264	57576	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	146254	56.84	ng		0.00
7) Phenol-d6	6.57	99	111408	35.16	ng		0.00
23) Nitrobenzene-d5	7.52	82	233404	87.19	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	73466	129.88	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	410243	77.96	ng		0.00
78) Terphenyl-d14	13.12	244	321485	80.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	20465	15.30	ng	#	100
3) Pyridine	3.31	79	47582	15.32	ng		96
4) n-Nitrosodimethylamine	3.21	42	31564	16.09	ng	#	92
6) Aniline	6.61	93	92909	19.57	ng		98
8) 2-Chlorophenol	6.74	128	86289	32.02	ng		95
9) Benzaldehyde	6.50	77	39838	16.71	ng		95
10) Phenol	6.58	94	47843	12.69	ng		98
11) bis(2-Chloroethyl)ether	6.68	93	114662	42.36	ng		95
12) 1,3-Dichlorobenzene	6.90	146	97152	27.87	ng		98
13) 1,4-Dichlorobenzene	6.98	146	93812	28.25	ng		98
14) 1,2-Dichlorobenzene	7.13	146	97634	30.48	ng		98
15) Benzyl Alcohol	7.09	79	81107	30.91	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	216028	38.11	ng		99
17) 2-Methylphenol	7.20	107	61157	26.61	ng		96
18) Hexachloroethane	7.48	117	29890	25.53	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	81998	40.29	ng		99
20) 3+4-Methylphenols	7.36	107	70570	24.35	ng	#	81
22) Acetophenone	7.37	105	169204	41.10	ng		98
24) Nitrobenzene	7.54	77	128005	39.87	ng		97
25) Isophorone	7.78	82	230509	40.77	ng		99
26) 2-Nitrophenol	7.86	139	40923	50.52	ng	#	92
27) 2,4-Dimethylphenol	7.89	122	85796	35.84	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	125977	41.54	ng		98
29) 2,4-Dichlorophenol	8.10	162	76350	39.91	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	85656	32.02	ng		97
31) Naphthalene	8.27	128	293081	34.23	ng		99
32) Benzoic acid	7.93	122	13565m	25.00	ng		
33) 4-Chloroaniline	8.32	127	84115	25.53	ng		98
34) Hexachlorobutadiene	8.40	225	44088	28.22	ng		96
35) Caprolactam	8.65	113	3810	7.06	ng	#	81
36) 4-Chloro-3-methylphenol	8.78	107	83070	35.11	ng		95
37) 2-Methylnaphthalene	8.96	142	175550	36.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	92381	35.61	ng	#	98
40) Hexachlorocyclopentadiene	9.12	237	90848	81.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	54159	42.16	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	60340	44.94	ng		95
45) 1,1'-Biphenyl	9.42	154	242530	38.24	ng		99
46) 2-Chloronaphthalene	9.45	162	183751	36.68	ng		97
47) 2-Nitroaniline	9.54	65	57540	48.68	ng		98
48) Acenaphthylene	9.87	152	294656	40.07	ng		99
49) Dimethylphthalate	9.72	163	241468	45.44	ng		99
50) 2,6-Dinitrotoluene	9.78	165	37734	42.82	ng	#	80
51) Acenaphthene	10.04	154	189837	43.95	ng		97
52) 3-Nitroaniline	9.95	138	28697	34.71	ng		98
53) 2,4-Dinitrophenol	10.05	184	23689	101.52	ng	#	77
54) Dibenzofuran	10.21	168	274894	43.32	ng		97
55) 4-Nitrophenol	10.09	139	21371	33.05	ng	#	84
56) 2,4-Dinitrotoluene	10.18	165	47971	47.66	ng	#	95
57) Fluorene	10.56	166	209023	41.22	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.33	232	48625m	44.54	ng		
59) Diethylphthalate	10.43	149	211191	43.07	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	86037	39.35	ng		88
61) 4-Nitroaniline	10.56	138	35880	37.81	ng		82
62) Azobenzene	10.70	77	228275	42.27	ng		99
64) 4,6-Dinitro-2-methylphenol	10.59	198	15563	60.92	ng		88
65) n-Nitrosodiphenylamine	10.66	169	160017	40.33	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	50686	43.76	ng		89
67) Hexachlorobenzene	11.10	284	61423	46.69	ng		97
68) Atrazine	11.18	200	46526	43.71	ng		96
69) Pentachlorophenol	11.30	266	54598	104.52	ng		96
70) Phenanthrene	11.52	178	279887	40.97	ng		98
71) Anthracene	11.57	178	290194	45.90	ng		100
72) Carbazole	11.72	167	244754	42.74	ng		99
73) Di-n-butylphthalate	12.06	149	304183	45.54	ng		99
74) Fluoranthene	12.73	202	259980	42.07	ng		95
76) Benzidine	12.85	184	45912	18.80	ng		97
77) Pyrene	12.97	202	259993	46.49	ng		97
79) Butylbenzylphthalate	13.64	149	100262	54.14	ng	#	86
80) Benzo(a)anthracene	14.28	228	201819	43.23	ng		99
81) 3,3'-Dichlorobenzidine	14.25	252	47142	33.75	ng	#	89
82) Chrysene	14.33	228	190175	40.77	ng		99
83) Bis(2-ethylhexyl)phthalate	14.29	149	136544	45.41	ng	#	95
84) Di-n-octyl phthalate	15.05	149	185012	48.11	ng		97
85) Indeno(1,2,3-cd)pyrene	17.49	276	223988	67.58	ng		98
87) Benzo(b)fluoranthene	15.53	252	153040	42.28	ng		98
88) Benzo(k)fluoranthene	15.55	252	146098m	40.76	ng		
89) Benzo(a)pyrene	15.91	252	140048	44.64	ng	#	94
90) Dibenzo(a,h)anthracene	17.53	278	178159	66.54	ng		98
91) Benzo(g,h,i)perylene	17.95	276	227625	83.59	ng		96

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

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