Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082286.D
Acq On : 14 Oct 2015 18:41
Operator : UM/IZ
Sample : G4016-10MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-11MS

Manual Integrations APPROVED
MMdadoda
10/15/2015 4:55:41 PM

Quant Time: Oct 15 03:48:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:42:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	71595	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	284815	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	150885	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	296344	20.00	ng		0.00
75) Chrysene-d12	14.05	240	235741	20.00	ng		-0.08
86) Perylene-d12	15.57	264	181901	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	47820	13.48	ng		0.01
7) Phenol-d6	6.46	99	397732	86.16	ng		-0.01
23) Nitrobenzene-d5	7.39	82	511082	120.51	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	696	0.49	ng		-0.01
44) 2-Fluorobiphenyl	9.19	172	1100084	120.91	ng		-0.01
78) Terphenyl-d14	12.96	244	1169332	131.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	39272	22.03	ng		97
3) Pyridine	3.12	79	107680	25.98	ng		95
4) n-Nitrosodimethylamine	3.07	42	41900	23.83	ng		98
6) Aniline	6.48	93	70454	11.84	ng		95
8) 2-Chlorophenol	6.61	128	12544	2.90	ng		92
9) Benzaldehyde	6.37	77	51025	21.64	ng		97
10) Phenol	6.47	94	75658	14.21	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	128600	28.57	ng		99
12) 1,3-Dichlorobenzene	6.75	146	142894m	28.33	ng		
13) 1,4-Dichlorobenzene	6.83	146	145572	27.64	ng		96
14) 1,2-Dichlorobenzene	6.99	146	152367m	30.47	ng		
15) Benzyl Alcohol	6.97	79	109967	34.51	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	200177	31.94	ng		99
17) 2-Methylphenol	7.09	107	88074	25.72	ng		98
18) Hexachloroethane	7.34	117	49424	27.42	ng	#	71
19) n-Nitroso-di-n-propylamine	7.23	70	92918	28.66	ng	#	81
20) 3+4-Methylphenols	7.25	107	79202	19.41	ng	#	79
22) Acetophenone	7.23	105	189314	33.60	ng	#	91
24) Nitrobenzene	7.42	77	132445	28.85	ng	#	81
25) Isophorone	7.65	82	265311	30.99	ng		99
27) 2,4-Dimethylphenol	7.77	122	109630	29.69	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	169623	34.06	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	128644	30.23	ng		97
31) Naphthalene	8.14	128	405372	32.83	ng		98
33) 4-Chloroaniline	8.19	127	81402	15.88	ng	#	94
34) Hexachlorobutadiene	8.25	225	82686	31.18	ng		97
35) Caprolactam	8.53	113	26237	24.49	ng	#	74
36) 4-Chloro-3-methylphenol	8.67	107	43141	11.95	ng		91
37) 2-Methylnaphthalene	8.82	142	281336	32.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	147132	32.78	ng		97
40) Hexachlorocyclopentadiene	8.97	237	90430	43.99	ng		97
45) 1,1'-Biphenyl	9.29	154	379126	32.95	ng		98
46) 2-Chloronaphthalene	9.31	162	277899	30.68	ng		94
47) 2-Nitroaniline	9.42	65	83465	33.57	ng		89

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:42:16 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.74	152	451758	32.02	ng		98
49) Dimethylphthalate	9.60	163	456284	42.94	ng		98
50) 2,6-Dinitrotoluene	9.66	165	68536	30.57	ng	#	67
51) Acenaphthene	9.91	154	256110	30.24	ng		98
52) 3-Nitroaniline	9.83	138	62625	24.73	ng	#	80
54) Dibenzofuran	10.08	168	411247	35.36	ng		93
56) 2,4-Dinitrotoluene	10.06	165	94101	33.58	ng		85
57) Fluorene	10.42	166	316058	33.09	ng		98
59) Diethylphthalate	10.29	149	326099	32.93	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	158218	36.16	ng		93
61) 4-Nitroaniline	10.45	138	77329	31.48	ng		98
62) Azobenzene	10.57	77	335731	34.64	ng		94
65) n-Nitrosodiphenylamine	10.53	169	282206	31.81	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	97215	32.78	ng		95
67) Hexachlorobenzene	10.96	284	95216	29.69	ng	#	63
68) Atrazine	11.06	200	97362	34.64	ng		99
70) Phenanthrene	11.38	178	485454	33.42	ng		100
71) Anthracene	11.44	178	506852	33.86	ng		98
72) Carbazole	11.60	167	427954	31.34	ng	#	97
73) Di-n-butylphthalate	11.92	149	518619	30.79	ng		99
74) Fluoranthene	12.57	202	477488	30.61	ng		97
76) Benzidine	12.71	184	167847	24.57	ng		98
77) Pyrene	12.80	202	492476	35.20	ng		98
79) Butylbenzylphthalate	13.44	149	223837	35.06	ng		93
80) Benzo(a)anthracene	14.04	228	423353	34.52	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	76967	16.53	ng		98
82) Chrysene	14.07	228	365131	28.25	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	289217	31.75	ng		98
84) Di-n-octyl phthalate	14.70	149	460385	29.43	ng	#	85
85) Indeno(1,2,3-cd)pyrene	17.00	276	338878	32.99	ng		99
87) Benzo(b)fluoranthene	15.14	252	310862m	28.09	ng		
88) Benzo(k)fluoranthene	15.18	252	325253m	34.97	ng		
89) Benzo(a)pyrene	15.51	252	302944	31.85	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	283381	36.36	ng		97
91) Benzo(g,h,i)perylene	17.43	276	283966	37.50	ng		98

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

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