Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082224.D
Acq On : 12 Oct 2015 17:09
Operator : UM/IZ
Sample : G3990-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(43)MS

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:27:39 PM

Quant Time: Oct 13 02:32:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 02:05:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65696	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	257555	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	131267	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	258254	20.00	ng		0.00
75) Chrysene-d12	14.01	240	250165	20.00	ng		0.00
86) Perylene-d12	15.44	264	196145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	240963	74.03	ng		0.00
7) Phenol-d6	6.47	99	204365	48.24	ng		0.00
23) Nitrobenzene-d5	7.41	82	439405	114.57	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	216164	175.59	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	852532	107.71	ng		0.00
78) Terphenyl-d14	12.95	244	923996	97.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	28256	17.28	ng	#	89
3) Pyridine	3.15	79	58389	15.35	ng		96
4) n-Nitrosodimethylamine	3.09	42	26718	16.56	ng		99
6) Aniline	6.49	93	104615	19.15	ng		96
8) 2-Chlorophenol	6.62	128	174769	43.98	ng		95
9) Benzaldehyde	6.38	77	119843	55.40	ng		97
10) Phenol	6.48	94	83125	17.02	ng		89
11) bis(2-Chloroethyl)ether	6.57	93	215748	52.24	ng		99
12) 1,3-Dichlorobenzene	6.77	146	203798	44.04	ng		96
13) 1,4-Dichlorobenzene	6.85	146	214256	44.33	ng		97
14) 1,2-Dichlorobenzene	7.01	146	215301m	46.92	ng		
15) Benzyl Alcohol	6.98	79	101398	34.67	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	297358	51.70	ng		96
17) 2-Methylphenol	7.10	107	116973	37.22	ng		97
18) Hexachloroethane	7.35	117	69881	42.24	ng	#	73
19) n-Nitroso-di-n-propylamine	7.26	70	149622	50.30	ng		98
20) 3+4-Methylphenols	7.25	107	122183	32.63	ng	#	38
22) Acetophenone	7.25	105	280463	55.05	ng		94
24) Nitrobenzene	7.43	77	208926	50.33	ng	#	81
25) Isophorone	7.66	82	388754	50.22	ng		100
26) 2-Nitrophenol	7.74	139	110429	53.27	ng	#	88
27) 2,4-Dimethylphenol	7.78	122	168793	50.54	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	252888	56.15	ng		99
29) 2,4-Dichlorophenol	7.98	162	173886	52.09	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	186045	48.35	ng		96
31) Naphthalene	8.15	128	577179	51.70	ng		99
32) Benzoic acid	7.86	122	35185	15.70	ng		94
33) 4-Chloroaniline	8.19	127	67036	14.46	ng		98
34) Hexachlorobutadiene	8.25	225	106295	44.33	ng		99
35) Caprolactam	8.57	113	8764	9.05	ng	#	79
36) 4-Chloro-3-methylphenol	8.67	107	167732	51.38	ng		99
37) 2-Methylnaphthalene	8.83	142	415907	53.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	204477	52.37	ng		98
40) Hexachlorocyclopentadiene	8.98	237	153504	77.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137868	53.16	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	156216	55.61	ng	#	93
45) 1,1'-Biphenyl	9.30	154	546271	54.57	ng		96
46) 2-Chloronaphthalene	9.33	162	425106	53.95	ng		96
47) 2-Nitroaniline	9.43	65	129324	59.78	ng	#	84
48) Acenaphthylene	9.74	152	644176	52.48	ng		99
49) Dimethylphthalate	9.61	163	571761	61.86	ng		98
50) 2,6-Dinitrotoluene	9.67	165	105324	54.00	ng	#	78
51) Acenaphthene	9.91	154	383277	52.01	ng		98
52) 3-Nitroaniline	9.84	138	39842	18.08	ng		91
53) 2,4-Dinitrophenol	9.95	184	130261	116.36	ng	#	87
54) Dibenzofuran	10.08	168	570494	56.39	ng		95
55) 4-Nitrophenol	10.01	139	52460	42.33	ng		93
56) 2,4-Dinitrotoluene	10.08	165	160661	65.91	ng		88
57) Fluorene	10.42	166	447708	53.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	137508	59.91	ng		95
59) Diethylphthalate	10.31	149	525117	60.95	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	224338	58.94	ng	#	84
61) 4-Nitroaniline	10.46	138	106095	49.65	ng		97
62) Azobenzene	10.58	77	503764	59.74	ng		90
64) 4,6-Dinitro-2-methylphenol	10.48	198	79220	54.66	ng	#	58
65) n-Nitrosodiphenylamine	10.55	169	424591	54.91	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	145012	56.11	ng	#	83
67) Hexachlorobenzene	10.97	284	151417	54.17	ng	#	76
68) Atrazine	11.07	200	151309	61.77	ng		99
69) Pentachlorophenol	11.18	266	174047	121.01	ng		98
70) Phenanthrene	11.39	178	771158	60.92	ng		99
71) Anthracene	11.44	178	744479	57.07	ng		99
72) Carbazole	11.60	167	692732	58.21	ng		99
73) Di-n-butylphthalate	11.93	149	820606	55.90	ng	#	98
74) Fluoranthene	12.58	202	816515	60.06	ng		97
76) Benzidine	12.71	184	61132	8.43	ng		98
77) Pyrene	12.81	202	857754	57.78	ng		99
79) Butylbenzylphthalate	13.43	149	376890	55.63	ng		91
80) Benzo(a)anthracene	14.00	228	716823	55.07	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	94807	19.19	ng	#	97
82) Chrysene	14.04	228	706475	51.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	477632	49.41	ng	#	97
84) Di-n-octyl phthalate	14.60	149	773002	46.57	ng		100
85) Indeno(1,2,3-cd)pyrene	16.86	276	563542	51.70	ng		99
87) Benzo(b)fluoranthene	15.03	252	599005m	50.20	ng		
88) Benzo(k)fluoranthene	15.06	252	636829m	63.49	ng		
89) Benzo(a)pyrene	15.38	252	568955	55.48	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	465246	55.36	ng		98
91) Benzo(g,h,i)perylene	17.28	276	472680	57.89	ng		99

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

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