Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082023.D
Acq On : 3 Oct 2015 15:58
Operator : UM/IZ
Sample : G3857-07MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A3-COMPMSD

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:28:14 PM

Quant Time: Oct 05 01:47:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	81806	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	326032	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	163345	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	339063	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	302732	20.00	ng		-0.03
86) Perylene-d12	15.54	264	234567	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	714684	158.59	ng		-0.03
7) Phenol-d6	6.53	99	932934	164.52	ng		-0.03
23) Nitrobenzene-d5	7.46	82	572061	116.96	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	253137	153.02	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1102831	123.69	ng		-0.05
78) Terphenyl-d14	13.02	244	1141316	156.59	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	92218	47.06	ng		85
3) Pyridine	3.25	79	234408	45.94	ng		85
4) n-Nitrosodimethylamine	3.21	42	111930	48.30	ng		96
6) Aniline	6.55	93	314063	41.22	ng	#	89
8) 2-Chlorophenol	6.67	128	279839	56.23	ng		99
9) Benzaldehyde	6.43	77	57690	15.54	ng	#	82
10) Phenol	6.54	94	341745	53.73	ng		77
11) bis(2-Chloroethyl)ether	6.63	93	296465	60.10	ng		95
12) 1,3-Dichlorobenzene	6.82	146	291971m	49.67	ng		
13) 1,4-Dichlorobenzene	6.90	146	320740m	52.26	ng		
14) 1,2-Dichlorobenzene	7.06	146	288556	52.76	ng		98
15) Benzyl Alcohol	7.03	79	208658	50.98	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	365887	52.47	ng		83
17) 2-Methylphenol	7.14	107	225034	55.77	ng	#	86
18) Hexachloroethane	7.39	117	100805	52.46	ng		89
19) n-Nitroso-di-n-propylamine	7.30	70	175286	50.86	ng	#	78
20) 3+4-Methylphenols	7.29	107	270987	53.17	ng	#	69
22) Acetophenone	7.30	105	369970	55.50	ng	#	81
24) Nitrobenzene	7.47	77	272749	51.36	ng	#	68
25) Isophorone	7.71	82	515406	53.17	ng	#	92
26) 2-Nitrophenol	7.79	139	154625	60.65	ng	#	81
27) 2,4-Dimethylphenol	7.83	122	254184	56.68	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	311464	54.10	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	257515	59.22	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	262238	54.02	ng		99
31) Naphthalene	8.19	128	740796m	51.28	ng		
32) Benzoic acid	7.93	122	72445	30.22	ng	#	68
33) 4-Chloroaniline	8.25	127	233876	37.44	ng	#	96
34) Hexachlorobutadiene	8.31	225	152671	53.17	ng		97
35) Caprolactam	8.63	113	72967m	60.61	ng		
36) 4-Chloro-3-methylphenol	8.73	107	260029	61.15	ng		83
37) 2-Methylnaphthalene	8.89	142	563630	57.16	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	250913	50.03	ng		99
40) Hexachlorocyclopentadiene	9.04	237	263392	101.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	174297	50.70	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	204548	57.86	ng		97
45) 1,1'-Biphenyl	9.36	154	699252	55.49	ng		94
46) 2-Chloronaphthalene	9.38	162	561471	56.74	ng		96
47) 2-Nitroaniline	9.49	65	170121	58.57	ng		90
48) Acenaphthylene	9.79	152	805945	50.89	ng		97
49) Dimethylphthalate	9.67	163	915733	81.22	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	142711	58.30	ng	#	73
51) Acenaphthene	9.97	154	526498	55.98	ng		89
52) 3-Nitroaniline	9.90	138	127076	44.87	ng	#	73
53) 2,4-Dinitrophenol	10.00	184	97622	81.08	ng	#	49
54) Dibenzofuran	10.15	168	744170	55.99	ng		95
55) 4-Nitrophenol	10.06	139	224034	109.48	ng	#	48
56) 2,4-Dinitrotoluene	10.14	165	191348	61.32	ng	#	94
57) Fluorene	10.49	166	611332	65.28	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	179842	64.13	ng		91
59) Diethylphthalate	10.37	149	592513	56.26	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	278715	57.28	ng		90
61) 4-Nitroaniline	10.53	138	161619	56.92	ng	#	62
62) Azobenzene	10.64	77	598279	58.21	ng		91
64) 4,6-Dinitro-2-methylphenol	10.54	198	89429	55.95	ng		98
65) n-Nitrosodiphenylamine	10.61	169	539815	52.62	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	185640	54.30	ng		99
67) Hexachlorobenzene	11.03	284	181075	46.93	ng	#	83
68) Atrazine	11.13	200	164954	51.82	ng		83
69) Pentachlorophenol	11.23	266	227075	103.29	ng		99
70) Phenanthrene	11.45	178	859860	52.99	ng		95
71) Anthracene	11.51	178	988699	57.37	ng		98
72) Carbazole	11.66	167	862825	55.32	ng		96
73) Di-n-butylphthalate	11.99	149	917729	58.16	ng	#	98
74) Fluoranthene	12.64	202	992770	54.66	ng		92
76) Benzidine	12.78	184	344079	37.72	ng		98
77) Pyrene	12.87	202	1055766	58.38	ng		95
79) Butylbenzylphthalate	13.50	149	439963	64.65	ng		95
80) Benzo(a)anthracene	14.07	228	983178	60.31	ng		95
81) 3,3'-Dichlorobenzidine	14.04	252	245807	44.65	ng	#	95
82) Chrysene	14.10	228	763230m	Below Cal			
83) Bis(2-ethylhexyl)phthalate	14.06	149	557614	65.32	ng	#	93
84) Di-n-octyl phthalate	14.68	149	918327	66.10	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	775078	60.78	ng	#	86
87) Benzo(b)fluoranthene	15.11	252	905128m	67.59	ng		
88) Benzo(k)fluoranthene	15.14	252	600686m	48.94	ng		
89) Benzo(a)pyrene	15.48	252	705530	60.73	ng	#	87
90) Dibenzo(a,h)anthracene	17.02	278	607869	62.37	ng	#	80
91) Benzo(g,h,i)perylene	17.44	276	651735	65.25	ng	#	77

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

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