Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103588.D
Acq On : 12 Mar 2018 18:08
Operator : SJ/JU
Sample : J1867-14MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
J1867-09MSDMSD

Manual Integrations APPROVED
Sohil
3/13/2018 4:15:46 PM

Quant Time: Mar 13 09:11:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114727	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	481244	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	222324	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	406469	20.00	ng		0.00
75) Chrysene-d12	14.06	240	280686	20.00	ng		0.00
86) Perylene-d12	15.56	264	262406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	600938	79.22	ng		0.00
7) Phenol-d6	6.51	99	482628	52.00	ng		0.00
23) Nitrobenzene-d5	7.43	82	869484	103.18	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	243734	129.52	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1242403	100.48	ng		0.00
78) Terphenyl-d14	12.99	244	1159801	99.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	73169	18.26	ng		98
3) Pyridine	3.54	79	157925m	14.76	ng		
4) n-Nitrosodimethylamine	3.46	42	95884m	22.23	ng		
6) Aniline	6.53	93	297638	22.22	ng	#	75
8) 2-Chlorophenol	6.65	128	346222	43.94	ng		93
9) Benzaldehyde	6.42	77	243158	44.60	ng		98
10) Phenol	6.53	94	177686	16.49	ng	#	1
11) bis(2-Chloroethyl)ether	6.59	93	384725	47.04	ng		94
12) 1,3-Dichlorobenzene	6.80	146	388830	43.18	ng		98
13) 1,4-Dichlorobenzene	6.87	146	410285	45.44	ng		100
14) 1,2-Dichlorobenzene	7.03	146	345062	41.45	ng		99
15) Benzyl Alcohol	7.02	79	212377	30.36	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	646335	46.02	ng		67
17) 2-Methylphenol	7.13	107	237560	33.17	ng	#	71
18) Hexachloroethane	7.36	117	142517	43.36	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	310657	53.78	ng		94
20) 3+4-Methylphenols	7.29	107	288479	33.05	ng	#	71
22) Acetophenone	7.27	105	567485	50.52	ng	#	96
24) Nitrobenzene	7.45	77	470129	50.67	ng		97
25) Isophorone	7.68	82	847115	51.04	ng		97
26) 2-Nitrophenol	7.76	139	223248	51.11	ng		92
27) 2,4-Dimethylphenol	7.80	122	332269	49.77	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	514337	52.71	ng		99
29) 2,4-Dichlorophenol	8.02	162	315446	49.35	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	301561	44.30	ng		98
31) Naphthalene	8.16	128	1117880	47.45	ng		99
32) Benzoic acid	7.93	122	44857	14.67	ng		93
33) 4-Chloroaniline	8.23	127	289093	28.43	ng		97
34) Hexachlorobutadiene	8.27	225	148269	41.83	ng		98
35) Caprolactam	8.60	113	51854	23.08	ng	#	83
36) 4-Chloro-3-methylphenol	8.71	107	344819	47.83	ng		97
37) 2-Methylnaphthalene	8.86	142	752517	49.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	279326	45.96	ng		98
40) Hexachlorocyclopentadiene	9.00	237	89313	45.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	182508	44.63	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	193127	41.06	ng		98
45) 1,1'-Biphenyl	9.32	154	834385	44.79	ng		99
46) 2-Chloronaphthalene	9.35	162	662613	44.96	ng		99
47) 2-Nitroaniline	9.46	65	273656	50.13	ng		90
48) Acenaphthylene	9.76	152	973799	42.94	ng		98
49) Dimethylphthalate	9.62	163	798982	44.80	ng		100
50) 2,6-Dinitrotoluene	9.70	165	173756	46.42	ng	#	82
51) Acenaphthene	9.93	154	609985	46.13	ng		99
52) 3-Nitroaniline	9.88	138	139570	29.39	ng		97
53) 2,4-Dinitrophenol	10.00	184	131054	94.90	ng	#	19
54) Dibenzofuran	10.11	168	883422	48.67	ng		96
55) 4-Nitrophenol	10.09	139	45096m	15.32	ng		
56) 2,4-Dinitrotoluene	10.12	165	227288	48.02	ng	#	83
57) Fluorene	10.46	166	750376	48.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	139132	44.03	ng	#	96
59) Diethylphthalate	10.32	149	781126	45.79	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	312911	47.72	ng		99
61) 4-Nitroaniline	10.50	138	211855	44.67	ng		99
62) Azobenzene	10.60	77	864537	49.79	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	88992	37.22	ng		92
65) n-Nitrosodiphenylamine	10.56	169	630200	44.53	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	186722	44.10	ng		93
67) Hexachlorobenzene	11.00	284	194708	42.37	ng		99
68) Atrazine	11.09	200	199015	46.78	ng		99
69) Pentachlorophenol	11.21	266	138647	62.39	ng		97
70) Phenanthrene	11.42	178	1063342	47.54	ng		99
71) Anthracene	11.47	178	1113626	48.55	ng		98
72) Carbazole	11.64	167	1103066	48.29	ng		99
73) Di-n-butylphthalate	11.94	149	1352837	47.33	ng		99
74) Fluoranthene	12.62	202	1062466	47.27	ng		99
76) Benzidine	12.74	184	434013	41.36	ng		97
77) Pyrene	12.85	202	1050939	48.02	ng		99
79) Butylbenzylphthalate	13.45	149	554187	47.93	ng		98
80) Benzo(a)anthracene	14.04	228	880484	48.35	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	189429	29.15	ng		99
82) Chrysene	14.09	228	848983	48.01	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	696484	44.64	ng	#	98
84) Di-n-octyl phthalate	14.62	149	1264666	50.17	ng		100
85) Indeno(1,2,3-cd)pyrene	17.12	276	727583	51.97	ng		98
87) Benzo(b)fluoranthene	15.12	252	777597	45.07	ng		97
88) Benzo(k)fluoranthene	15.15	252	818690	50.39	ng		99
89) Benzo(a)pyrene	15.50	252	755483	49.04	ng		97
90) Dibenzo(a,h)anthracene	17.12	278	614508	51.62	ng		97
91) Benzo(g,h,i)perylene	17.59	276	632290	54.34	ng		98

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

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