Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098947.D
Acq On : 29 Sep 2017 14:51
Operator : SJ/JU
Sample : I5450-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Manual Integrations APPROVED
Sohil
10/2/2017 5:38:49 PM

Quant Time: Sep 29 16:59:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	142253	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	595415	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	252478	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	392003	20.00	ng		0.00
75) Chrysene-d12	14.09	240	208501	20.00	ng		0.00
86) Perylene-d12	15.57	264	228204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1060168	118.64	ng		0.02
7) Phenol-d6	6.55	99	1225674	111.19	ng		0.00
23) Nitrobenzene-d5	7.49	82	949076	102.22	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	263587	127.59	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1607934	106.32	ng		0.00
78) Terphenyl-d14	13.03	244	1024937	111.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	165056	38.667	ng	#	83
3) Pyridine	3.66	79	402490	34.855	ng		97
4) n-Nitrosodimethylamine	3.61	42	224297	45.805	ng		95
6) Aniline	6.59	93	126224	8.484	ng		99
8) 2-Chlorophenol	6.71	128	451496	44.616	ng		96
9) Benzaldehyde	6.47	77	90877	14.212	ng		99
10) Phenol	6.56	94	496385	40.263	ng		100
11) bis(2-Chloroethyl)ether	6.66	93	471842	49.230	ng		99
12) 1,3-Dichlorobenzene	6.86	146	499150	47.098	ng		98
13) 1,4-Dichlorobenzene	6.93	146	502320	46.585	ng		99
14) 1,2-Dichlorobenzene	7.09	146	474949	47.669	ng		98
15) Benzyl Alcohol	7.06	79	404210	49.983	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	746413	49.986	ng		97
17) 2-Methylphenol	7.17	107	380669	45.973	ng		98
18) Hexachloroethane	7.43	117	186205	48.043	ng		95
19) n-Nitroso-di-n-propylamine	7.33	70	337615	47.970	ng		97
20) 3+4-Methylphenols	7.32	107	442736	42.266	ng	#	77
22) Acetophenone	7.33	105	651888	45.189	ng		99
24) Nitrobenzene	7.50	77	517602	49.145	ng		97
25) Isophorone	7.74	82	959194	49.969	ng		99
26) 2-Nitrophenol	7.82	139	254287	50.208	ng		95
27) 2,4-Dimethylphenol	7.85	122	434061	45.382	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	617546	51.624	ng		99
29) 2,4-Dichlorophenol	8.06	162	381672	46.478	ng		99
30) 1,2,4-Trichlorobenzene	8.14	180	404016	49.191	ng		99
31) Naphthalene	8.22	128	1392258	49.787	ng		99
32) Benzoic acid	7.97	122	227290	28.930	ng		97
33) 4-Chloroaniline	8.26	127	73338	6.280	ng		99
34) Hexachlorobutadiene	8.33	225	207532	49.057	ng		99
35) Caprolactam	8.65	113	101614m	38.575	ng		
36) 4-Chloro-3-methylphenol	8.75	107	409355	44.350	ng		97
37) 2-Methylnaphthalene	8.92	142	951440	52.337	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	363789	48.315	ng		99
40) Hexachlorocyclopentadiene	9.06	237	238508	69.313	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	253119	47.452	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	259431	48.720	ng		96
45) 1,1'-Biphenyl	9.38	154	1059222	48.814	ng		99
46) 2-Chloronaphthalene	9.40	162	843113	51.750	ng		99
47) 2-Nitroaniline	9.50	65	269516	54.026	ng		97
48) Acenaphthylene	9.82	152	1255882	50.355	ng		100
49) Dimethylphthalate	9.68	163	1104549	57.964	ng		100
50) 2,6-Dinitrotoluene	9.75	165	224207	54.045	ng		89
51) Acenaphthene	9.99	154	757433	47.943	ng		99
52) 3-Nitroaniline	9.90	138	57309	11.848	ng		97
53) 2,4-Dinitrophenol	10.02	184	135516	64.000	ng		92
54) Dibenzofuran	10.16	168	1117953	53.147	ng		98
55) 4-Nitrophenol	10.07	139	306805	75.010	ng		93
56) 2,4-Dinitrotoluene	10.15	165	286381	53.191	ng		99
57) Fluorene	10.51	166	838565	49.598	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	183432	49.868	ng		97
59) Diethylphthalate	10.37	149	970034	52.096	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	383058	50.438	ng		96
61) 4-Nitroaniline	10.53	138	200043	42.865	ng		96
62) Azobenzene	10.66	77	907172	52.987	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	102794	43.099	ng		82
65) n-Nitrosodiphenylamine	10.62	169	763579	56.227	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	217802	56.763	ng		97
67) Hexachlorobenzene	11.06	284	209586	51.142	ng		96
68) Atrazine	11.14	200	230007	56.294	ng		99
69) Pentachlorophenol	11.25	266	205026	80.386	ng		98
70) Phenanthrene	11.47	178	1114479	53.114	ng		99
71) Anthracene	11.52	178	1124463	52.375	ng		100
72) Carbazole	11.67	167	1018151	48.427	ng		99
73) Di-n-butylphthalate	12.00	149	1381069	54.574	ng		100
74) Fluoranthene	12.66	202	930325	43.785	ng		99
76) Benzidine	12.77	184	272247	35.303	ng		98
77) Pyrene	12.89	202	912929	57.421	ng		100
79) Butylbenzylphthalate	13.50	149	454553	60.833	ng		95
80) Benzo(a)anthracene	14.07	228	673812	53.370	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	147970	31.971	ng		97
82) Chrysene	14.11	228	640989	53.328	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	612870	59.567	ng		99
84) Di-n-octyl phthalate	14.66	149	977957	59.030	ng		99
85) Indeno(1,2,3-cd)pyrene	17.10	276	800910	83.297	ng		97
87) Benzo(b)fluoranthene	15.14	252	687734	49.016	ng		97
88) Benzo(k)fluoranthene	15.17	252	680446	49.100	ng		99
89) Benzo(a)pyrene	15.52	252	694113	53.893	ng	#	95
90) Dibenzo(a,h)anthracene	17.12	278	669483	64.952	ng		99
91) Benzo(g,h,i)perylene	17.56	276	659697	64.749	ng		96

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

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