Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100236.D
Acq On : 5 Nov 2017 20:47
Operator : SJ/JU
Sample : I6285-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P002-S002-0001-01MSD

Manual Integrations APPROVED
Sohil
11/6/2017 2:33:39 PM

Quant Time: Nov 06 10:41:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	96910	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	369303	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	146372	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	215266	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	183444	20.00	ng		-0.01
86) Perylene-d12	15.40	264	160094	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	531145	86.05	ng		0.00
7) Phenol-d6	6.43	99	594339	81.20	ng		0.00
23) Nitrobenzene-d5	7.34	82	328228	57.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	97301	72.94	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	596948	62.92	ng		-0.01
78) Terphenyl-d14	12.86	244	416294	49.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	66556	24.417	ng	#	88
3) Pyridine	3.29	79	134961	20.589	ng	#	86
4) n-Nitrosodimethylamine	3.23	42	56789m	24.250	ng		
6) Aniline	6.44	93	173344	18.266	ng	#	61
8) 2-Chlorophenol	6.56	128	191466	29.103	ng		91
9) Benzaldehyde	6.33	77	61795	14.129	ng		91
10) Phenol	6.44	94	212763	26.476	ng	#	57
11) bis(2-Chloroethyl)ether	6.50	93	175738	28.320	ng		93
12) 1,3-Dichlorobenzene	6.70	146	207675	28.114	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	211163	28.166	ng		97
14) 1,2-Dichlorobenzene	6.93	146	192899	28.232	ng		96
15) Benzyl Alcohol	6.93	79	134051	28.799	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	215965	31.329	ng		95
17) 2-Methylphenol	7.05	107	149077	27.090	ng		98
18) Hexachloroethane	7.26	117	54117	21.636	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	117425	27.377	ng		92
20) 3+4-Methylphenols	7.22	107	199998	31.213	ng		90
22) Acetophenone	7.18	105	251944	29.962	ng	#	91
24) Nitrobenzene	7.36	77	166950	28.885	ng		91
25) Isophorone	7.59	82	308658	29.653	ng		98
26) 2-Nitrophenol	7.67	139	98092	29.631	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	162229	33.260	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	210949	28.938	ng		99
29) 2,4-Dichlorophenol	7.95	162	155513	30.692	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	155208	28.669	ng		99
31) Naphthalene	8.06	128	512162	28.730	ng		99
32) Benzoic acid	7.86	122	8769	2.042	ng		87
33) 4-Chloroaniline	8.15	127	140443	19.079	ng		95
34) Hexachlorobutadiene	8.17	225	77185	27.718	ng		98
35) Caprolactam	8.50	113	38871	24.395	ng	#	76
36) 4-Chloro-3-methylphenol	8.63	107	142366	27.528	ng		95
37) 2-Methylnaphthalene	8.76	142	339364	28.407	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	136877	28.954	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	121	10.153	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	91251	31.911	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	85180	28.070	ng		95
45) 1,1'-Biphenyl	9.22	154	386705	29.204	ng		96
46) 2-Chloronaphthalene	9.25	162	294018	30.575	ng		96
47) 2-Nitroaniline	9.36	65	72183	28.600	ng	#	75
48) Acenaphthylene	9.66	152	418798	28.276	ng		99
49) Dimethylphthalate	9.52	163	385853	33.288	ng		99
50) 2,6-Dinitrotoluene	9.60	165	69783	28.637	ng	#	85
51) Acenaphthene	9.83	154	251274	27.765	ng		98
52) 3-Nitroaniline	9.78	138	68323	23.796	ng		84
53) 2,4-Dinitrophenol	9.95	184	1748	7.447	ng	#	41
54) Dibenzofuran	10.00	168	375931	29.428	ng		100
55) 4-Nitrophenol	9.98	139	21460m	14.304	ng		
56) 2,4-Dinitrotoluene	10.02	165	85876	29.263	ng		87
57) Fluorene	10.35	166	285007	26.946	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	58755	27.616	ng	#	95
59) Diethylphthalate	10.22	149	308913	27.290	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	136157	27.352	ng		90
61) 4-Nitroaniline	10.40	138	62361	22.765	ng	#	79
62) Azobenzene	10.49	77	252438	26.603	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	7625	5.635	ng	#	8
65) n-Nitrosodiphenylamine	10.46	169	247145	31.101	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	70992	31.326	ng		90
67) Hexachlorobenzene	10.90	284	68875	29.707	ng		92
68) Atrazine	10.99	200	68681	28.773	ng		96
69) Pentachlorophenol	11.11	266	42129	42.525	ng		99
70) Phenanthrene	11.31	178	352559	29.021	ng		98
71) Anthracene	11.37	178	361854	29.344	ng		99
72) Carbazole	11.53	167	328228	28.305	ng		98
73) Di-n-butylphthalate	11.83	149	412759	27.907	ng	#	98
74) Fluoranthene	12.50	202	354457	28.076	ng		98
76) Benzidine	12.64	184	69841	8.701	ng	#	95
77) Pyrene	12.73	202	366698	26.289	ng		99
79) Butylbenzylphthalate	13.33	149	168044	24.464	ng		88
80) Benzo(a)anthracene	13.93	228	320377	27.550	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	101935	24.148	ng	#	98
82) Chrysene	13.96	228	312962	28.626	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	242385	25.128	ng		97
84) Di-n-octyl phthalate	14.49	149	429048	25.915	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	224608	22.379	ng		97
87) Benzo(b)fluoranthene	14.97	252	279567	27.655	ng		98
88) Benzo(k)fluoranthene	15.00	252	289828	30.404	ng		99
89) Benzo(a)pyrene	15.34	252	260995	28.741	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	193866	24.026	ng		98
91) Benzo(g,h,i)perylene	17.31	276	181334	22.970	ng		97

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

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