Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100225.D
Acq On : 5 Nov 2017 15:52
Operator : SJ/JU
Sample : I6267-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-S002-0001-01MSD

Manual Integrations APPROVED
Sohil
11/6/2017 2:33:26 PM

Quant Time: Nov 06 10:26:38 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	85647	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	329927	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	134621	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	194401	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	161578	20.00	ng		-0.01
86) Perylene-d12	15.40	264	156915	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	483711	88.67	ng		0.00
7) Phenol-d6	6.42	99	544016	84.10	ng		0.00
23) Nitrobenzene-d5	7.34	82	301230	58.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	92399	75.32	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	580414	66.52	ng		-0.01
78) Terphenyl-d14	12.86	244	381405	51.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	61719	25.620	ng		91
3) Pyridine	3.30	79	122843	21.205	ng	#	86
4) n-Nitrosodimethylamine	3.24	42	48299	23.337	ng	#	70
6) Aniline	6.44	93	160060	19.084	ng	#	71
8) 2-Chlorophenol	6.56	128	172321	29.638	ng		91
9) Benzaldehyde	6.34	77	60815	15.733	ng		87
10) Phenol	6.43	94	206885	29.130	ng		80
11) bis(2-Chloroethyl)ether	6.50	93	157625	28.741	ng		91
12) 1,3-Dichlorobenzene	6.70	146	189129	28.970	ng	#	94
13) 1,4-Dichlorobenzene	6.78	146	193007	29.130	ng		97
14) 1,2-Dichlorobenzene	6.93	146	177226	29.349	ng		97
15) Benzyl Alcohol	6.92	79	122912	29.879	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	192680	31.627	ng		77
17) 2-Methylphenol	7.04	107	136396	28.045	ng	#	90
18) Hexachloroethane	7.26	117	53157	24.047	ng		93
19) n-Nitroso-di-n-propylamine	7.18	70	105765	27.901	ng		88
20) 3+4-Methylphenols	7.20	107	189215	33.413	ng		93
22) Acetophenone	7.18	105	228669	30.440	ng	#	92
24) Nitrobenzene	7.36	77	156312	30.272	ng		92
25) Isophorone	7.59	82	281814	30.306	ng		99
26) 2-Nitrophenol	7.67	139	91077	30.796	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	149128	34.223	ng		92
28) bis(2-Chloroethoxy)methane	7.79	93	188092	28.882	ng		98
29) 2,4-Dichlorophenol	7.94	162	138587	30.616	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	140808	29.113	ng		99
31) Naphthalene	8.06	128	473119	29.708	ng		99
32) Benzoic acid	7.85	122	31031	8.090	ng		96
33) 4-Chloroaniline	8.14	127	114743	17.448	ng	#	94
34) Hexachlorobutadiene	8.17	225	70564	28.364	ng		99
35) Caprolactam	8.50	113	36980	25.978	ng	#	76
36) 4-Chloro-3-methylphenol	8.63	107	129647	28.060	ng		90
37) 2-Methylnaphthalene	8.76	142	321209	30.097	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	128156	29.475	ng	#	98
40) Hexachlorocyclopentadiene	8.90	237	343	10.478	ng	#	72

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	84815	32.249	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	79718	28.564	ng	#	94
45) 1,1'-Biphenyl	9.22	154	365046	29.975	ng		98
46) 2-Chloronaphthalene	9.24	162	277396	31.364	ng		96
47) 2-Nitroaniline	9.36	65	68236	29.396	ng	#	82
48) Acenaphthylene	9.66	152	398807	29.276	ng		99
49) Dimethylphthalate	9.52	163	360958	33.858	ng		99
50) 2,6-Dinitrotoluene	9.60	165	66496	29.670	ng	#	84
51) Acenaphthene	9.83	154	235533	28.298	ng		99
52) 3-Nitroaniline	9.78	138	60646	22.966	ng		88
53) 2,4-Dinitrophenol	9.93	184	17921	24.556	ng	#	82
54) Dibenzofuran	10.00	168	358807	30.539	ng		100
55) 4-Nitrophenol	9.99	139	28671m	20.779	ng		
56) 2,4-Dinitrotoluene	10.02	165	84997	31.492	ng		85
57) Fluorene	10.34	166	268316	27.582	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	55465	28.345	ng		90
59) Diethylphthalate	10.22	149	290199	27.875	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	128094	27.979	ng		89
61) 4-Nitroaniline	10.40	138	56718	22.512	ng		83
62) Azobenzene	10.49	77	243273	27.876	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	19420	15.892	ng		79
65) n-Nitrosodiphenylamine	10.46	169	237284	33.065	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	67443	32.954	ng		90
67) Hexachlorobenzene	10.90	284	65572	31.318	ng		92
68) Atrazine	10.98	200	66497	30.848	ng		99
69) Pentachlorophenol	11.11	266	38602	43.147	ng		95
70) Phenanthrene	11.31	178	333764	30.422	ng		97
71) Anthracene	11.37	178	337912	30.344	ng		98
72) Carbazole	11.53	167	300920	28.735	ng		98
73) Di-n-butylphthalate	11.83	149	383783	28.732	ng	#	98
74) Fluoranthene	12.50	202	320890	28.145	ng		97
76) Benzidine	12.64	184	70705	10.000	ng		97
77) Pyrene	12.73	202	327490	26.655	ng		98
79) Butylbenzylphthalate	13.33	149	148159	24.489	ng		86
80) Benzo(a)anthracene	13.93	228	291622	28.470	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	91366	24.573	ng		99
82) Chrysene	13.96	228	294571	30.590	ng		97
83) Bis(2-ethylhexyl)phthalate	13.88	149	212486	25.009	ng		99
84) Di-n-octyl phthalate	14.49	149	381602	26.168	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.86	276	239014	27.037	ng		96
87) Benzo(b)fluoranthene	14.97	252	280592	28.318	ng		99
88) Benzo(k)fluoranthene	15.00	252	295555	31.633	ng		98
89) Benzo(a)pyrene	15.34	252	271618	30.517	ng	#	97
90) Dibenzo(a,h)anthracene	16.85	278	203589	25.742	ng		98
91) Benzo(g,h,i)perylene	17.31	276	188869	24.409	ng		97

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

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