Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100305.D
Acq On : 8 Nov 2017 21:25
Operator : SJ/JU
Sample : I6300-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-110617MSD

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:48 PM

Quant Time: Nov 09 00:49:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	207495	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	842761	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	377096	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	636977	20.00	ng		0.00
75) Chrysene-d12	14.06	240	382993	20.00	ng		0.00
86) Perylene-d12	15.54	264	422072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1351004	104.37	ng		0.03
7) Phenol-d6	6.53	99	1549966	97.10	ng		0.01
23) Nitrobenzene-d5	7.47	82	1153832	90.52	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	427451	111.24	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1978292	79.88	ng		0.00
78) Terphenyl-d14	13.01	244	1495168	89.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	218082	34.571	ng	#	79
3) Pyridine	3.63	79	500429	29.077	ng		94
4) n-Nitrosodimethylamine	3.59	42	312919	37.449	ng		98
6) Aniline	6.57	93	173585	7.698	ng		98
8) 2-Chlorophenol	6.69	128	561586	41.010	ng		98
9) Benzaldehyde	6.46	77	350669	30.763	ng		98
10) Phenol	6.55	94	581533	34.705	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	577747	41.048	ng		92
12) 1,3-Dichlorobenzene	6.85	146	637672	40.390	ng		99
13) 1,4-Dichlorobenzene	6.92	146	642180	40.188	ng		97
14) 1,2-Dichlorobenzene	7.07	146	596990	40.408	ng		97
15) Benzyl Alcohol	7.05	79	507249	40.718	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1069191	47.496	ng		98
17) 2-Methylphenol	7.15	107	491106	41.967	ng		99
18) Hexachloroethane	7.42	117	228605	43.390	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	421564	38.083	ng		96
20) 3+4-Methylphenols	7.30	107	563136	38.028	ng	#	80
22) Acetophenone	7.32	105	787776	38.334	ng	#	98
24) Nitrobenzene	7.49	77	624864	47.627	ng		99
25) Isophorone	7.72	82	1183260	44.173	ng		98
26) 2-Nitrophenol	7.80	139	304883	49.388	ng		99
27) 2,4-Dimethylphenol	7.83	122	555371	46.250	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	743399	42.427	ng		100
29) 2,4-Dichlorophenol	8.04	162	513690	44.811	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	526222	42.437	ng		97
31) Naphthalene	8.21	128	2097735	51.679	ng		99
32) Benzoic acid	7.95	122	335507	38.734	ng		96
33) 4-Chloroaniline	8.25	127	65618	3.884	ng		97
34) Hexachlorobutadiene	8.32	225	306351	41.552	ng		99
35) Caprolactam	8.63	113	120495m	30.629	ng		
36) 4-Chloro-3-methylphenol	8.73	107	508021	41.263	ng		98
37) 2-Methylnaphthalene	8.90	142	1163315	43.167	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	500057	39.984	ng		98
40) Hexachlorocyclopentadiene	9.05	237	424938	72.193	ng		100

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100305.D
Acq On : 8 Nov 2017 21:25
Operator : SJ/JU
Sample : I6300-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-110617MSD

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:48 PM

Quant Time: Nov 09 00:49:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	367144	46.319	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	361544	44.025	ng		95
45) 1,1'-Biphenyl	9.36	154	1318436	40.424	ng		99
46) 2-Chloronaphthalene	9.39	162	1023409	43.253	ng		99
47) 2-Nitroaniline	9.48	65	312170	44.845	ng		94
48) Acenaphthylene	9.80	152	1576372	40.202	ng		99
49) Dimethylphthalate	9.66	163	1233689	42.849	ng		99
50) 2,6-Dinitrotoluene	9.72	165	266398	46.743	ng		96
51) Acenaphthene	9.97	154	1012718	42.466	ng		98
52) 3-Nitroaniline	9.89	138	71696	10.653	ng		95
53) 2,4-Dinitrophenol	9.99	184	168981	71.520	ng	#	20
54) Dibenzofuran	10.15	168	1379942	41.286	ng		99
55) 4-Nitrophenol	10.05	139	384278	70.322	ng		96
56) 2,4-Dinitrotoluene	10.13	165	344771	47.953	ng	#	98
57) Fluorene	10.49	166	988576	40.374	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	292904	43.518	ng	#	87
59) Diethylphthalate	10.36	149	1173736	40.737	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	484216	40.312	ng		95
61) 4-Nitroaniline	10.51	138	227116	35.591	ng		94
62) Azobenzene	10.64	77	1100870	40.567	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	114892	37.915	ng		76
65) n-Nitrosodiphenylamine	10.60	169	975670	44.052	ng		95
66) 4-Bromophenyl-phenylether	10.97	248	317778	46.538	ng	#	83
67) Hexachlorobenzene	11.03	284	315553	44.185	ng		94
68) Atrazine	11.13	200	302996	45.194	ng		97
69) Pentachlorophenol	11.23	266	353384	69.008	ng		98
70) Phenanthrene	11.45	178	1399005	41.714	ng		99
71) Anthracene	11.50	178	1420836	41.758	ng		100
72) Carbazole	11.66	167	1234553	39.322	ng		99
73) Di-n-butylphthalate	11.99	149	1648783	44.876	ng		99
74) Fluoranthene	12.64	202	1269176	35.708	ng		98
76) Benzidine	12.76	184	307811	20.068	ng		98
77) Pyrene	12.87	202	1259427	46.131	ng		99
79) Butylbenzylphthalate	13.48	149	563021	50.568	ng		99
80) Benzo(a)anthracene	14.05	228	983490	42.642	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	177447	21.474	ng	#	96
82) Chrysene	14.09	228	963863	43.157	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	728887	49.775	ng		100
84) Di-n-octyl phthalate	14.65	149	1202084	47.784	ng		98
85) Indeno(1,2,3-cd)pyrene	17.04	276	1018424	56.376	ng		96
87) Benzo(b)fluoranthene	15.11	252	1074685	42.978	ng		99
88) Benzo(k)fluoranthene	15.14	252	914243m	38.695	ng		
89) Benzo(a)pyrene	15.49	252	964213	43.495	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	853393	47.072	ng		96
91) Benzo(g,h,i)perylene	17.49	276	821510	46.291	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100305.D
Acq On : 8 Nov 2017 21:25
Operator : SJ/JU
Sample : I6300-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 09 00:49:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 14:33:31 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OR-02-110617MSD

Manual Integrations APPROVED
Sohil
11/9/2017 3:41:48 PM