Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110848.D
Acq On : 19 Nov 2018 13:04
Operator : JU/SJ
Sample : J5977-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MSD

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:22 AM

Quant Time: Nov 19 15:37:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59739	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	250081	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	117390	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	203043	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	125408	20.00	ng		0.00
87) Perylene-d12	15.66	264	121618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	352131	95.75	ng		0.00
7) Phenol-d6	6.57	99	441744	93.93	ng		0.00
23) Nitrobenzene-d5	7.50	82	280732	64.65	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	106530	90.06	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	467676	56.90	ng		-0.01
79) Terphenyl-d14	13.06	244	339367	50.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	36173	19.740	ng		88
3) Pyridine	3.59	79	100944	25.520	ng		88
4) n-Nitrosodimethylamine	3.53	42	52944	31.195	ng		86
6) Aniline	6.60	93	128742	20.991	ng	#	57
8) 2-Chlorophenol	6.73	128	121728	28.234	ng		98
9) Benzaldehyde	6.50	77	61416	21.414	ng		99
10) Phenol	6.58	94	175952	32.265	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	108740	26.607	ng		96
12) 1,3-Dichlorobenzene	6.88	146	123091	26.093	ng		97
13) 1,4-Dichlorobenzene	6.96	146	127494	26.615	ng		99
14) 1,2-Dichlorobenzene	7.11	146	121787	27.329	ng		99
15) Benzyl Alcohol	7.08	79	105618	28.697	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	171964	26.794	ng		76
17) 2-Methylphenol	7.19	107	98253	28.634	ng	#	82
18) Hexachloroethane	7.45	117	46442	26.261	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	82586	27.510	ng	#	94
20) 3+4-Methylphenols	7.35	107	132033m	29.975	ng		
22) Acetophenone	7.35	105	169364	29.059	ng	#	93
24) Nitrobenzene	7.52	77	125709	28.255	ng		95
25) Isophorone	7.76	82	222255	31.227	ng		97
26) 2-Nitrophenol	7.84	139	63560	28.636	ng		98
27) 2,4-Dimethylphenol	7.87	122	110883	32.803	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	141788	29.423	ng		98
29) 2,4-Dichlorophenol	8.09	162	102670	29.518	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	108552	27.681	ng		97
31) Naphthalene	8.25	128	435004	37.053	ng		99
32) Benzoic acid	7.96	122	10877	4.548	ng	#	87
33) 4-Chloroaniline	8.30	127	95985	18.050	ng		99
34) Hexachlorobutadiene	8.35	225	59325	26.485	ng		99
35) Caprolactam	8.66	113	30480	26.229	ng	#	84
36) 4-Chloro-3-methylphenol	8.77	107	110015	29.328	ng		97
37) 2-Methylnaphthalene	8.93	142	261841	34.023	ng		98
38) 1-Methylnaphthalene	9.03	142	240868m	32.543	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	104498	28.122	ng		97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110848.D
Acq On : 19 Nov 2018 13:04
Operator : JU/SJ
Sample : J5977-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MSD

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:22 AM

Quant Time: Nov 19 15:37:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	7890	12.551	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	68090	29.160	ng		93
44) 2,4,5-Trichlorophenol	9.27	196	73409	29.472	ng		93
46) 1,1'-Biphenyl	9.40	154	301621	27.543	ng		99
47) 2-Chloronaphthalene	9.43	162	221926	28.130	ng		99
48) 2-Nitroaniline	9.53	65	73258	30.133	ng		91
49) Acenaphthylene	9.85	152	362237	31.882	ng		99
50) Dimethylphthalate	9.69	163	325306	37.138	ng		99
51) 2,6-Dinitrotoluene	9.77	165	56098	29.113	ng		95
52) Acenaphthene	10.02	154	240384	33.479	ng		98
53) 3-Nitroaniline	9.95	138	51842	23.223	ng		90
54) 2,4-Dinitrophenol	10.07	184	5545	11.501	ng		88
55) Dibenzofuran	10.19	168	328638	31.284	ng		99
56) 4-Nitrophenol	10.11	139	76397	51.584	ng		99
57) 2,4-Dinitrotoluene	10.18	165	73073	29.167	ng		99
58) Fluorene	10.53	166	288467	35.750	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	57509	29.350	ng	#	90
60) Diethylphthalate	10.39	149	258667	29.849	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	115452	27.634	ng		96
62) 4-Nitroaniline	10.56	138	57100	25.401	ng		99
63) Azobenzene	10.68	77	235888	27.900	ng		93
65) 4,6-Dinitro-2-methylphenol	10.60	198	8088	7.904	ng		75
66) n-Nitrosodiphenylamine	10.64	169	213318	31.169	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	65061	28.993	ng	#	90
68) Hexachlorobenzene	11.09	284	66558	28.132	ng		97
69) Atrazine	11.16	200	65358	31.233	ng		97
70) Pentachlorophenol	11.29	266	57514	45.558	ng		97
71) Phenanthrene	11.50	178	754962	69.403	ng		100
72) Anthracene	11.56	178	470173	42.847	ng		99
73) Carbazole	11.71	167	311035	29.515	ng		99
74) Di-n-butylphthalate	12.02	149	384816	31.139	ng		97
75) Fluoranthene	12.70	202	860915	78.940	ng		99
77) Benzidine	12.82	184	69124	20.043	ng		97
78) Pyrene	12.93	202	803271	83.188	ng		99
80) Butylbenzylphthalate	13.52	149	124355	29.921	ng		95
81) Benzo(a)anthracene	14.12	228	509707	67.999	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	60066	23.921	ng	#	99
83) Chrysene	14.16	228	462065	64.704	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	168115	32.607	ng		99
85) Di-n-octyl phthalate	14.69	149	279112	36.814	ng	#	97
86) Indeno(1,2,3-cd)pyrene	17.25	276	318614	62.175	ng		100
88) Benzo(b)fluoranthene	15.21	252	556393	76.474	ng		99
89) Benzo(k)fluoranthene	15.24	252	308317	42.887	ng		98
90) Benzo(a)pyrene	15.60	252	453839	68.655	ng		99
91) Dibenzo(a,h)anthracene	17.25	278	195275	34.908	ng		99
92) Benzo(g,h,i)perylene	17.73	276	276165	49.757	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110848.D
Acq On : 19 Nov 2018 13:04
Operator : JU/SJ
Sample : J5977-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 15:37:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MMTW-03(8-10)MSD

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:22 AM