Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110939.D
Acq On : 21 Nov 2018 20:16
Operator : JU/SJ
Sample : J5981-04MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Manual Integrations APPROVED
mohammad
11/23/2018 11:49:21 AM

Quant Time: Nov 23 02:47:28 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	6.95	152	53518	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	197763	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	79607	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	136486	20.00	ng		0.00
76) Chrysene-d12	14.16	240	96329	20.00	ng		0.02
87) Perylene-d12	15.69	264	78710	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	110891	33.66	ng		0.00
7) Phenol-d6	6.57	99	137053	32.53	ng		0.00
23) Nitrobenzene-d5	7.51	82	80219	23.36	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	22381	27.90	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	125642	22.54	ng		-0.01
79) Terphenyl-d14	13.07	244	117324	22.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	10414	6.344	ng	#	87
3) Pyridine	3.60	79	28812m	8.131	ng		
4) n-Nitrosodimethylamine	3.54	42	14275m	9.389	ng		
6) Aniline	6.61	93	20710	3.769	ng	#	75
8) 2-Chlorophenol	6.73	128	36762	9.518	ng		96
9) Benzaldehyde	6.51	77	17384	5.436	ng		97
10) Phenol	6.59	94	66272	13.565	ng	#	66
11) bis(2-Chloroethyl)ether	6.67	93	32006	8.742	ng		97
12) 1,3-Dichlorobenzene	6.88	146	38684	9.154	ng		96
13) 1,4-Dichlorobenzene	6.96	146	39177	9.129	ng		96
14) 1,2-Dichlorobenzene	7.11	146	35779	8.962	ng		97
15) Benzyl Alcohol	7.09	79	29018	8.801	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	51986	9.041	ng		86
17) 2-Methylphenol	7.19	107	31650	10.296	ng	#	82
18) Hexachloroethane	7.45	117	9120	5.756	ng		91
19) n-Nitroso-di-n-propylamine	7.34	70	24997	9.294	ng		97
20) 3+4-Methylphenols	7.36	107	49734	12.603	ng	#	76
22) Acetophenone	7.35	105	50635	10.986	ng	#	87
24) Nitrobenzene	7.53	77	35889	10.200	ng		91
25) Isophorone	7.76	82	62573	11.117	ng		99
26) 2-Nitrophenol	7.85	139	12151	6.923	ng		95
27) 2,4-Dimethylphenol	7.87	122	32575	12.186	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	40528	10.635	ng		98
29) 2,4-Dichlorophenol	8.10	162	26315	9.567	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	29249	9.432	ng		95
31) Naphthalene	8.25	128	1025754	110.487	ng		100
32) Benzoic acid	8.02	122	4886	2.583	ng	#	26
33) 4-Chloroaniline	8.31	127	20187	4.800	ng		95
34) Hexachlorobutadiene	8.35	225	16971	9.581	ng		96
35) Caprolactam	8.65	113	7385	8.036	ng	#	84
36) 4-Chloro-3-methylphenol	8.79	107	27758	9.357	ng		93
37) 2-Methylnaphthalene	8.94	142	224151	36.830	ng		99
38) 1-Methylnaphthalene	9.04	142	205332	35.081	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	24946	9.900	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110939.D
Acq On : 21 Nov 2018 20:16
Operator : JU/SJ
Sample : J5981-04MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-02(11-13)MSD

Manual Integrations APPROVED
mohammad
11/23/2018 11:49:21 AM

Quant Time: Nov 23 02:47:28 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)
43) 2,4,6-Trichlorophenol	9.23	196	15609	9.857	ng		91
44) 2,4,5-Trichlorophenol	9.28	196	15287	9.050	ng		92
46) 1,1'-Biphenyl	9.40	154	171900	23.148	ng		99
47) 2-Chloronaphthalene	9.43	162	51223	9.574	ng		98
48) 2-Nitroaniline	9.54	65	19610	11.894	ng		97
49) Acenaphthylene	9.85	152	874424	113.490	ng		98
50) Dimethylphthalate	9.69	163	81497	13.720	ng		99
51) 2,6-Dinitrotoluene	9.77	165	10047	7.689	ng	#	88
52) Acenaphthene	10.02	154	230277	47.292	ng		99
53) 3-Nitroaniline	9.95	138	11744	7.758	ng		97
55) Dibenzofuran	10.20	168	728795	102.302	ng		98
56) 4-Nitrophenol	10.14	139	13633	13.574	ng		91
57) 2,4-Dinitrotoluene	10.20	165	13383	7.877	ng	#	1
58) Fluorene	10.55	166	1009427	184.473	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	11314	8.515	ng	#	64
60) Diethylphthalate	10.39	149	63363	10.782	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	25614	9.041	ng		95
62) 4-Nitroaniline	10.57	138	14938	9.799	ng		98
63) Azobenzene	10.68	77	51468	8.977	ng	#	77
66) n-Nitrosodiphenylamine	10.64	169	48515	10.546	ng		93
67) 4-Bromophenyl-phenylether	11.02	248	14109	9.353	ng		93
68) Hexachlorobenzene	11.10	284	14240	8.954	ng	#	88
69) Atrazine	11.17	200	14643	10.410	ng		97
70) Pentachlorophenol	11.31	266	9242	10.891	ng		98
71) Phenanthrene	11.54	178	4122331	563.759	ng		97
72) Anthracene	11.59	178	1980233	268.461	ng		99
73) Carbazole	11.72	167	460526	65.010	ng		99
74) Di-n-butylphthalate	12.02	149	84695	10.195	ng	#	87
75) Fluoranthene	12.75	202	4634293	632.151	ng		98
77) Benzidine	12.84	184	28293	10.680	ng		96
78) Pyrene	12.97	202	3620514	488.130	ng		98
80) Butylbenzylphthalate	13.53	149	40693	12.747	ng		98
81) Benzo(a)anthracene	14.15	228	1962307	340.815	ng	#	90
82) 3,3'-Dichlorobenzidine	14.10	252	17753	9.204	ng	#	96
83) Chrysene	14.19	228	1329363m	242.347	ng		
84) Bis(2-ethylhexyl)phthalate	14.08	149	58143	14.682	ng		98
85) Di-n-octyl phthalate	14.70	149	93157	15.996	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.30	276	582739	148.044	ng		97
88) Benzo(b)fluoranthene	15.24	252	1376047m	292.235	ng		
89) Benzo(k)fluoranthene	15.27	252	548358m	117.857	ng		
90) Benzo(a)pyrene	15.64	252	999939	233.729	ng		99
91) Dibenzo(a,h)anthracene	17.29	278	180347m	49.814	ng		
92) Benzo(g,h,i)perylene	17.79	276	487910	135.828	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110939.D
Acq On : 21 Nov 2018 20:16
Operator : JU/SJ
Sample : J5981-04MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 23 02:47:28 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 :
DTW-02(11-13)MSD

Manual Integrations APPROVED
mohammad
11/23/2018 11:49:21 AM