Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110086.D
Acq On : 23 Oct 2018 19:15
Operator : JU/SJ
Sample : J5164-02
Misc : LOQ 20PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT4-2018

Quant Time: Oct 24 02:53:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	171946	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	722802	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	351615	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	674866	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	547659	20.00	ng		-0.02
87) Perylene-d12	15.67	264	440164	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1329693	125.93	ng		-0.01
7) Phenol-d6	6.59	99	1660403	122.94	ng		-0.01
23) Nitrobenzene-d5	7.53	82	996833	81.80	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	436635	125.36	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1789228	79.90	ng		-0.01
79) Terphenyl-d14	13.09	244	1844207	70.03	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	92296	16.684	ng		92
3) Pyridine	3.64	79	245103	19.892	ng	#	86
4) n-Nitrosodimethylamine	3.57	42	114356	22.152	ng		96
6) Aniline	6.63	93	341289	19.399	ng	#	54
8) 2-Chlorophenol	6.75	128	247498	20.331	ng		100
9) Benzaldehyde	6.52	77	163251	17.678	ng		99
10) Phenol	6.60	94	291824	20.214	ng	#	69
11) bis(2-Chloroethyl)ether	6.70	93	234100	19.710	ng		94
12) 1,3-Dichlorobenzene	6.90	146	269327	20.104	ng		98
13) 1,4-Dichlorobenzene	6.98	146	272212	20.091	ng		99
14) 1,2-Dichlorobenzene	7.13	146	249732	19.855	ng		99
15) Benzyl Alcohol	7.10	79	219338	21.116	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	390328	20.554	ng		67
17) 2-Methylphenol	7.20	107	202159	20.837	ng	#	81
18) Hexachloroethane	7.47	117	99687	20.096	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	172222	19.877	ng		96
20) 3+4-Methylphenols	7.36	107	263639	21.023	ng		91
22) Acetophenone	7.37	105	351035	21.077	ng	#	98
24) Nitrobenzene	7.55	77	260357	20.694	ng		96
25) Isophorone	7.78	82	477208	22.973	ng		96
26) 2-Nitrophenol	7.86	139	122156	20.403	ng		90
27) 2,4-Dimethylphenol	7.89	122	229129	23.083	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	303574	21.512	ng		99
29) 2,4-Dichlorophenol	8.10	162	206531	20.595	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	228597	20.351	ng		96
31) Naphthalene	8.27	128	747629	22.442	ng		99
32) Benzoic acid	7.98	122	119444	15.569	ng		90
33) 4-Chloroaniline	8.32	127	273523	18.244	ng		97
34) Hexachlorobutadiene	8.38	225	122623	19.661	ng		98
35) Caprolactam	8.67	113	69207	19.800	ng	#	84
36) 4-Chloro-3-methylphenol	8.79	107	226666	20.902	ng		95
37) 2-Methylnaphthalene	8.96	142	507136	23.009	ng		99
38) 1-Methylnaphthalene	9.06	142	480687	22.568	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	217204	19.826	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110086.D
Acq On : 23 Oct 2018 19:15
Operator : JU/SJ
Sample : J5164-02
Misc : LOQ 20PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT4-2018

Quant Time: Oct 24 02:53:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	122393	21.848	ng		100
43) 2,4,6-Trichlorophenol	9.23	196	144317	20.423	ng		97
44) 2,4,5-Trichlorophenol	9.27	196	158584	21.232	ng		96
46) 1,1'-Biphenyl	9.43	154	625766	19.680	ng		99
47) 2-Chloronaphthalene	9.45	162	480124	20.585	ng		99
48) 2-Nitroaniline	9.55	65	145253	20.551	ng		95
49) Acenaphthylene	9.87	152	744228	22.092	ng		99
50) Dimethylphthalate	9.72	163	547420	21.091	ng		100
51) 2,6-Dinitrotoluene	9.79	165	119804	21.428	ng		93
52) Acenaphthene	10.04	154	474010	21.270	ng		98
53) 3-Nitroaniline	9.96	138	115370	17.352	ng		88
54) 2,4-Dinitrophenol	10.06	184	41289	22.579	ng		86
55) Dibenzofuran	10.22	168	658120	21.092	ng		95
56) 4-Nitrophenol	10.10	139	105794	21.500	ng		97
57) 2,4-Dinitrotoluene	10.19	165	159419	22.449	ng	#	79
58) Fluorene	10.56	166	523075	22.525	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	132138	21.704	ng		94
60) Diethylphthalate	10.42	149	529626	20.904	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	250495	20.448	ng		98
62) 4-Nitroaniline	10.57	138	138680	20.972	ng		93
63) Azobenzene	10.71	77	540535	21.493	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	57894	18.777	ng		90
66) n-Nitrosodiphenylamine	10.66	169	458881	20.730	ng		98
67) 4-Bromophenyl-phenylether	11.04	248	149861	20.472	ng		95
68) Hexachlorobenzene	11.10	284	158871	20.454	ng	#	93
69) Atrazine	11.19	200	148738	21.262	ng		98
70) Pentachlorophenol	11.30	266	74641	16.480	ng		99
71) Phenanthrene	11.53	178	784584	22.219	ng		99
72) Anthracene	11.57	178	820784	23.189	ng		99
73) Carbazole	11.73	167	710765	20.567	ng		99
74) Di-n-butylphthalate	12.05	149	844363	21.633	ng		98
75) Fluoranthene	12.72	202	806760	22.511	ng		100
77) Benzidine	12.83	184	250018	11.848	ng		98
78) Pyrene	12.94	202	810174	20.635	ng		98
80) Butylbenzylphthalate	13.55	149	357634	20.986	ng		98
81) Benzo(a)anthracene	14.13	228	713007	21.954	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	205343	18.157	ng		98
83) Chrysene	14.17	228	667056	21.625	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	490896	21.309	ng		97
85) Di-n-octyl phthalate	14.73	149	776487	21.677	ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	516873	20.198	ng	#	95
88) Benzo(b)fluoranthene	15.21	252	587896	23.129	ng		98
89) Benzo(k)fluoranthene	15.24	252	562545	22.512	ng		99
90) Benzo(a)pyrene	15.60	252	531744	22.735	ng		96
91) Dibenzo(a,h)anthracene	17.24	278	435483	21.579	ng		98
92) Benzo(g,h,i)perylene	17.69	276	419540	21.097	ng		96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110086.D
Acq On : 23 Oct 2018 19:15
Operator : JU/SJ
Sample : J5164-02
Misc : LOQ 20PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2018

Quant Time: Oct 24 02:53:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration