Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062018\
Data File : VF059251.D
Acq On : 21 Jun 2018 4:51
Operator : VA/AP
Sample : J3570-01
Misc : 5.07g/5mL/MSVOA-F/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 20180371-COMPOSITE-CS-1A

Quant Time: Jun 21 08:04:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	5166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	7150	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	3564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	1402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	1423	22.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 45.42%			
35) Dibromofluoromethane	4.28	113	1704	33.96	ug/l	-0.01
Spiked Amount 50.000			Recovery = 67.92%			
50) Toluene-d8	7.71	98	5721	38.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.64%			
62) 4-Bromofluorobenzene	11.51	95	1775	23.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 46.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	83	1.42	ug/l #	42
3) Chloromethane	1.08	50	98	2.16	ug/l #	41
5) Bromomethane	1.32	94	63	2.65	ug/l #	69
6) Chloroethane	1.50	64	64	3.77	ug/l #	44
8) Diethyl Ether	1.73	74	61	3.82	ug/l #	1
11) Tert butyl alcohol	2.66	59	74	18.43	ug/l #	71
12) 1,1-Dichloroethene	1.93	96	96	2.82	ug/l #	1
14) Allyl chloride	2.19	41	269	4.03	ug/l #	65
15) Acrylonitrile	3.08	53	161	20.19	ug/l #	60
16) Acetone	2.33	43	667	44.59	ug/l #	59
17) Carbon Disulfide	1.85	76	8123	84.99	ug/l	99
18) Methyl Acetate	2.45	43	64	2.49	ug/l #	66
20) Methylene Chloride	2.41	84	76	2.12	ug/l #	1
21) trans-1,2-Dichloroethene	2.39	96	76	2.04	ug/l #	1
23) Vinyl Acetate	3.32	43	190	2.19	ug/l #	78
25) 2-Butanone	4.50	43	651	28.07	ug/l #	56
26) 2,2-Dichloropropane	3.79	77	114	1.97	ug/l #	65
27) cis-1,2-Dichloroethene	3.55	96	88	1.53	ug/l	1
28) Bromochloromethane	3.84	49	67	1.87	ug/l #	2
29) Tetrahydrofuran	4.26	42	157	15.36	ug/l #	36
31) Cyclohexane	3.86	56	72	1.04	ug/l #	15
37) Ethyl Acetate	4.27	43	148	3.46	ug/l #	17
38) Carbon Tetrachloride	4.24	117	95	1.26	ug/l #	13
39) Methylcyclohexane	5.62	83	177	2.51	ug/l #	13
41) Methacrylonitrile	4.92	41	86	4.09	ug/l #	36
42) 1,2-Dichloroethane	5.08	62	79	1.09	ug/l	82
43) Isopropyl Acetate	7.11	43	685	11.94	ug/l #	44
45) 1,2-Dichloropropane	6.40	63	86	1.85	ug/l #	44
48) Methyl methacrylate	6.87	41	301	8.51	ug/l #	15
49) 1,4-Dioxane	6.60	88	63	234.99	ug/l #	16
51) 4-Methyl-2-Pentanone	8.40	43	900	22.90	ug/l #	82
53) t-1,3-Dichloropropene	8.43	75	118	1.53	ug/l #	59
55) 1,1,2-Trichloroethane	8.64	97	73	1.74	ug/l #	16
56) Ethyl methacrylate	8.77	69	813	15.36	ug/l #	56

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059251.D
Acq On : 21 Jun 2018 4:51
Operator : VA/AP
Sample : J3570-01
Misc : 5.07g/5mL/MSVOA-F/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 20180371-COMPOSITE-CS-1A

Quant Time: Jun 21 08:04:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.89	63	78	20.61	ug/l	100
59) 2-Hexanone	9.62	43	2485	79.92	ug/l	94
60) Dibromochloromethane	8.72	129	77	1.28	ug/l #	12
61) 1,2-Dibromoethane	9.12	107	64	1.31	ug/l #	2
66) 1,1,1,2-Tetrachloroethane	10.09	131	69	2.46	ug/l #	7
67) Ethyl Benzene	10.04	91	193	1.57	ug/l #	44
70) Styrene	10.89	104	777	10.35	ug/l #	30
71) Bromoform	10.87	173	83	4.35	ug/l #	35
73) Isopropylbenzene	11.29	105	102	1.05	ug/l #	50
74) N-amyl acetate	11.46	43	749	21.60	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.81	83	186	8.08	ug/l #	24
76) 1,2,3-Trichloropropane	11.87	75	222	13.06	ug/l #	40
77) Bromobenzene	11.59	156	92	3.77	ug/l #	55
78) n-propylbenzene	11.68	91	249	2.17	ug/l #	53
79) 2-Chlorotoluene	11.81	91	262	3.86	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.92	105	83	1.03	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.94	75	62	5.63	ug/l #	4
82) 4-Chlorotoluene	11.99	91	774	10.71	ug/l #	40
83) tert-Butylbenzene	12.21	119	163	2.04	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.28	105	302	3.63	ug/l #	28
86) p-Isopropyltoluene	12.54	119	147	1.65	ug/l #	50
87) 1,3-Dichlorobenzene	12.56	146	65	1.44	ug/l #	1
88) 1,4-Dichlorobenzene	12.65	146	184	4.23	ug/l #	24
89) n-Butylbenzene	12.92	91	587	4.95	ug/l #	78
90) Hexachloroethane	12.86	117	69	3.15	ug/l #	24
91) 1,2-Dichlorobenzene	13.02	146	279	6.42	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	13.73	75	85	18.83	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.28	180	77	2.53	ug/l #	11
95) Naphthalene	14.52	128	527	8.12	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.67	180	200	7.12	ug/l #	68

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062018\
Data File : VF059251.D
Acq On : 21 Jun 2018 4:51
Operator : VA/AP
Sample : J3570-01
Misc : 5.07g/5mL/MSVOA-F/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
20180371-COMPOSITE-CS-1A

Quant Time: Jun 21 08:04:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration