Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100418\
Data File : VF060456.D
Acq On : 5 Oct 2018 00:34
Operator : VA/AP
Sample : J5205-01
Misc : 6.87/5mL/MSVOA_F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TR-05-100418

Quant Time: Oct 05 01:15:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	66	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.92	114	67	50.00	ug/l	0.18
63) Chlorobenzene-d5	10.02	117	106	50.00	ug/l	0.13
72) 1,4-Dichlorobenzene-d4	12.63	152	76	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.91	65	61	59.07	ug/l	-0.08
Spiked Amount 50.000			Recovery = 118.14%			
35) Dibromofluoromethane	4.36	113	73	115.98	ug/l	0.09
Spiked Amount 50.000			Recovery = 231.96%			
50) Toluene-d8	8.04	98	132	85.15	ug/l	0.36
Spiked Amount 50.000			Recovery = 170.30%			
62) 4-Bromofluorobenzene	11.82	95	84	118.68	ug/l	0.33
Spiked Amount 50.000			Recovery = 237.36%			
Target Compounds						Qvalue
3) Chloromethane	1.10	50	104	116.043	ug/l #	41
4) Vinyl Chloride	1.18	62	75	80.446	ug/l #	42
5) Bromomethane	1.19	94	64	88.625	ug/l	91
6) Chloroethane	1.50	64	143	307.364	ug/l #	42
7) Trichlorofluoromethane	1.49	101	135	62.411	ug/l #	18
8) Diethyl Ether	1.64	74	59	199.030	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	1.78	101	83	80.107	ug/l #	22
10) Methyl Iodide	1.94	142	71	44.935	ug/l #	21
11) Tert butyl alcohol	2.50	59	73	1168.598	ug/l #	77
12) 1,1-Dichloroethene	1.88	96	163	203.605	ug/l #	1
13) Acrolein	2.06	56	121	2408.568	ug/l #	16
14) Allyl chloride	2.15	41	471	367.170	ug/l #	1
15) Acrylonitrile	3.00	53	229	2139.413	ug/l #	14
16) Acetone	2.32	43	170	856.675	ug/l #	66
17) Carbon Disulfide	1.90	76	230	94.877	ug/l #	68
18) Methyl Acetate	2.43	43	224	596.542	ug/l #	57
19) Methyl tert-butyl Ether	2.51	73	68	34.873	ug/l #	57
20) Methylene Chloride	2.22	84	99	141.536	ug/l #	1
21) trans-1,2-Dichloroethene	2.38	96	77	96.304	ug/l #	46
22) Diisopropyl ether	2.87	45	284	121.971	ug/l #	1
23) Vinyl Acetate	3.27	43	239	258.399	ug/l #	81
24) 1,1-Dichloroethane	2.91	63	104	66.050	ug/l #	90
25) 2-Butanone	4.45	43	181	676.857	ug/l #	60
26) 2,2-Dichloropropane	3.75	77	65	72.886	ug/l #	61
27) cis-1,2-Dichloroethene	3.53	96	80	89.489	ug/l	1
28) Bromochloromethane	3.79	49	164	282.608	ug/l #	10
29) Tetrahydrofuran	4.16	42	231	2331.319	ug/l #	55
30) Chloroform	4.06	83	154	79.262	ug/l #	72
31) Cyclohexane	3.80	56	205	181.311	ug/l #	17
32) 1,1,1-Trichloroethane	4.21	97	74	45.770	ug/l #	18
36) 1,1-Dichloropropene	4.54	75	198	239.694	ug/l #	45
37) Ethyl Acetate	4.45	43	181	572.187	ug/l #	1
38) Carbon Tetrachloride	4.33	117	60	59.671	ug/l #	13
39) Methylcyclohexane	5.71	83	64	79.030	ug/l #	52

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100418\
Data File : VF060456.D
Acq On : 5 Oct 2018 00:34
Operator : VA/AP
Sample : J5205-01
Misc : 6.87/5mL/MSVOA_F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TR-05-100418

Quant Time: Oct 05 01:15:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) Benzene	4.94	78	106	64.639 ug/l #	1
41) Methacrylonitrile	5.06	41	549	3273.214 ug/l #	42
42) 1,2-Dichloroethane	5.22	62	77	98.422 ug/l	83
43) Isopropyl Acetate	7.33	43	267	698.445 ug/l #	44
45) 1,2-Dichloropropane	6.57	63	184	421.325 ug/l #	46
46) Dibromomethane	6.32	93	202	575.298 ug/l #	9
47) Bromodichloromethane	6.73	83	76	87.395 ug/l #	23
48) Methyl methacrylate	7.07	41	237	863.666 ug/l #	2
49) 1,4-Dioxane	6.82	88	60	25358.871 ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	632	2322.485 ug/l #	39
52) Toluene	7.98	92	143	128.384 ug/l #	1
53) t-1,3-Dichloropropene	8.64	75	63	92.442 ug/l #	44
54) cis-1,3-Dichloropropene	7.63	75	90	112.995 ug/l #	27
55) 1,1,2-Trichloroethane	8.82	97	76	215.263 ug/l #	44
56) Ethyl methacrylate	9.01	69	103	256.738 ug/l #	35
57) 1,3-Dichloropropane	9.24	76	70	117.198 ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.04	63	106	2586.667 ug/l	100
59) 2-Hexanone	9.88	43	325	1628.273 ug/l	95
61) 1,2-Dibromoethane	9.40	107	66	170.842 ug/l #	4
64) Tetrachloroethene	8.35	164	61	72.392 ug/l #	1
65) Chlorobenzene	10.02	112	70	32.148 ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.02	131	67	70.471 ug/l #	9
67) Ethyl Benzene	10.02	91	169	40.820 ug/l #	47
68) m/p-Xylenes	10.27	106	68	47.778 ug/l #	18
69) o-Xylene	10.86	106	67	43.188 ug/l #	1
70) Styrene	10.93	104	70	31.722 ug/l #	29
73) Isopropylbenzene	11.25	105	197	32.921 ug/l #	51
74) N-amyl acetate	11.44	43	433	315.283 ug/l #	6
75) 1,1,2,2-Tetrachloroethane	11.77	83	147	134.741 ug/l #	22
76) 1,2,3-Trichloropropane	11.90	75	90	112.055 ug/l #	11
77) Bromobenzene	11.60	156	65	48.593 ug/l #	1
78) n-propylbenzene	11.65	91	183	25.226 ug/l #	55
79) 2-Chlorotoluene	11.77	91	147	34.641 ug/l #	46
80) 1,3,5-Trimethylbenzene	11.88	105	64	12.588 ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.98	75	155	435.354 ug/l #	15
82) 4-Chlorotoluene	12.00	91	74	17.043 ug/l #	43
83) tert-Butylbenzene	12.19	119	66	13.162 ug/l #	23
84) 1,2,4-Trimethylbenzene	12.25	105	90	17.850 ug/l #	30
85) sec-Butylbenzene	12.37	105	158	22.827 ug/l #	58
86) p-Isopropyltoluene	12.55	119	66	11.671 ug/l #	49
87) 1,3-Dichlorobenzene	12.59	146	82	32.577 ug/l #	23
88) 1,4-Dichlorobenzene	12.67	146	60	24.174 ug/l #	24
89) n-Butylbenzene	12.90	91	69	11.531 ug/l #	28
90) Hexachloroethane	12.98	117	68	46.526 ug/l #	27
91) 1,2-Dichlorobenzene	12.84	146	61	25.293 ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.69	75	178	841.609 ug/l #	4
93) 1,2,4-Trichlorobenzene	14.32	180	60	33.284 ug/l #	10
94) Hexachlorobutadiene	14.20	225	89	70.740 ug/l #	17
95) Naphthalene	14.49	128	83	25.752 ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060456.D
Acq On : 5 Oct 2018 00:34
Operator : VA/AP
Sample : J5205-01
Misc : 6.87/5mL/MSVOA F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TR-05-100418

Quant Time: Oct 05 01:15:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100418\
Data File : VF060456.D
Acq On : 5 Oct 2018 00:34
Operator : VA/AP
Sample : J5205-01
Misc : 6.87/5mL/MSVOA_F/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TR-05-100418

Quant Time: Oct 05 01:15:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration