Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060006.D
Acq On : 20 Aug 2018 17:05
Operator : VA/AP
Sample : J4277-07
Misc : 3.40g/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-03-081718-B

Quant Time: Aug 21 04:27:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	492	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.93	117	100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.96	65	60	4.56	ug/l	-0.06
Spiked Amount 50.000			Recovery = 9.12%			
35) Dibromofluoromethane	4.27	113	111	22.08	ug/l	-0.04
Spiked Amount 50.000			Recovery = 44.16%			
50) Toluene-d8	7.72	98	417	37.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.58%			
62) 4-Bromofluorobenzene	11.52	95	64	9.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 18.66%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	85	14.32	ug/l #	45
5) Bromomethane	1.23	94	68	10.33	ug/l #	3
6) Chloroethane	1.39	64	252	70.26	ug/l #	44
7) Trichlorofluoromethane	1.58	101	70	3.53	ug/l #	18
10) Methyl Iodide	1.93	142	61	5.20	ug/l #	25
12) 1,1-Dichloroethene	1.88	96	68	10.61	ug/l #	1
14) Allyl chloride	2.16	41	71	6.53	ug/l #	1
15) Acrylonitrile	2.93	53	67	54.01	ug/l #	70
16) Acetone	2.30	43	64	6.75	ug/l #	64
18) Methyl Acetate	2.56	43	164	22.69	ug/l #	63
19) Methyl tert-butyl Ether	2.57	73	62	2.94	ug/l #	60
21) trans-1,2-Dichloroethene	2.26	96	69	10.03	ug/l #	35
22) Diisopropyl ether	2.92	45	85	3.65	ug/l #	57
23) Vinyl Acetate	3.35	43	60	6.41	ug/l #	84
25) 2-Butanone	4.54	43	75	23.57	ug/l #	63
26) 2,2-Dichloropropane	3.60	77	76	5.62	ug/l #	67
29) Tetrahydrofuran	4.17	42	95	83.64	ug/l #	38
31) Cyclohexane	3.80	56	64	9.16	ug/l #	15
37) Ethyl Acetate	4.14	43	70	22.60	ug/l #	1
41) Methacrylonitrile	4.75	41	123	82.94	ug/l #	19
42) 1,2-Dichloroethane	5.05	62	78	9.70	ug/l	86
43) Isopropyl Acetate	7.25	43	153	44.88	ug/l #	58
45) 1,2-Dichloropropane	6.44	63	64	23.59	ug/l #	43
48) Methyl methacrylate	6.77	41	67	26.40	ug/l #	14
51) 4-Methyl-2-Pentanone	8.52	43	168	52.75	ug/l	89
53) t-1,3-Dichloropropene	8.48	75	70	11.49	ug/l #	42
56) Ethyl methacrylate	8.86	69	60	18.18	ug/l #	11
57) 1,3-Dichloropropane	9.07	76	64	12.61	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.63	63	72	260.18	ug/l	100
59) 2-Hexanone	9.54	43	151	57.43	ug/l #	35
65) Chlorobenzene	9.90	112	61	30.91	ug/l #	43

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

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