

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060007.D
 Acq On : 20 Aug 2018 17:32
 Operator : VA/AP
 Sample : J4282-09
 Misc : 4.19g/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-081718

Quant Time: Aug 21 04:27:33 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	5.04	168	6644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	5410	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	3972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	909	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	1196	9.33	ug/l	-0.03
Spiked Amount			Recovery	=	18.66%	
35) Dibromofluoromethane	4.29	113	1639	29.64	ug/l	-0.02
Spiked Amount			Recovery	=	59.28%	
50) Toluene-d8	7.71	98	5533	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
62) 4-Bromofluorobenzene	11.51	95	1254	16.62	ug/l	0.00
Spiked Amount			Recovery	=	33.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	436	6.54	ug/l #	45
5) Bromomethane	1.32	94	229	2.94	ug/l #	65
6) Chloroethane	1.38	64	335	9.59	ug/l #	44
10) Methyl Iodide	1.94	142	156	1.37	ug/l #	47
16) Acetone	2.35	43	171	Below Cal	#	64
18) Methyl Acetate	2.46	43	73	Below Cal	#	63
20) Methylene Chloride	2.28	84	376	1.33	ug/l #	24
23) Vinyl Acetate	3.30	43	144	1.58	ug/l #	84
25) 2-Butanone	4.50	43	83	2.68	ug/l #	63
29) Tetrahydrofuran	3.97	42	174	15.73	ug/l #	38
31) Cyclohexane	3.73	56	70	1.03	ug/l #	15
37) Ethyl Acetate	4.36	43	62	1.82	ug/l #	1
41) Methacrylonitrile	4.95	41	82	5.03	ug/l #	19
43) Isopropyl Acetate	7.19	43	213	5.68	ug/l #	58
45) 1,2-Dichloropropane	6.48	63	63	2.11	ug/l #	43
46) Dibromomethane	6.09	93	59	2.01	ug/l #	2
48) Methyl methacrylate	6.84	41	70	2.51	ug/l #	14
56) Ethyl methacrylate	8.77	69	65	1.79	ug/l #	11
59) 2-Hexanone	9.64	43	173	5.98	ug/l #	35
74) N-amyl acetate	11.51	43	87	5.63	ug/l #	49

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

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