

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060106.D
 Acq On : 24 Aug 2018 18:07
 Operator : VA/AP
 Sample : J4608-02
 Misc : 7.51a/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CLIFFWOOD-EMBANKMENT-FILL

Quant Time: Aug 25 03:46:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	870	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	1058	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	497	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	80	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	59	4.96	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	9.92%	
35) Dibromofluoromethane	4.29	113	112	13.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	26.96%	
50) Toluene-d8	7.70	98	584	24.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	49.50%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.14	50	63	5.16	ug/l #	40
4) Vinyl Chloride	1.19	62	67	9.42	ug/l #	40
6) Chloroethane	1.41	64	399	142.33	ug/l #	45
12) 1,1-Dichloroethene	1.66	96	60	10.85	ug/l #	1
14) Allyl chloride	2.15	41	67	6.82	ug/l #	1
16) Acetone	2.17	43	72	23.01	ug/l #	63
19) Methyl tert-butyl Ether	2.57	73	66	3.72	ug/l #	1
22) Diisopropyl ether	2.92	45	64	2.91	ug/l #	38
23) Vinyl Acetate	3.46	43	98	8.41	ug/l #	80
25) 2-Butanone	4.57	43	70	17.22	ug/l #	58
27) cis-1,2-Dichloroethene	3.67	96	80	9.12	ug/l	1
29) Tetrahydrofuran	4.16	42	241	157.03	ug/l #	37
37) Ethyl Acetate	4.39	43	60	10.09	ug/l #	1
41) Methacrylonitrile	4.92	41	60	19.95	ug/l #	2
42) 1,2-Dichloroethane	5.11	62	79	6.78	ug/l	83
43) Isopropyl Acetate	7.06	43	65	8.69	ug/l #	45
48) Methyl methacrylate	6.83	41	91	18.38	ug/l #	15
49) 1,4-Dioxane	6.80	88	62	1304.15	ug/l #	18
74) N-amyl acetate	11.51	43	64	42.76	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.62	83	62	58.95	ug/l #	26
83) tert-Butylbenzene	12.33	119	71	17.35	ug/l #	32
92) 1,2-Dibromo-3-Chloropropan	13.69	75	67	311.75	ug/l #	1
95) Naphthalene	14.60	128	69	24.42	ug/l #	1

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

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