

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060064.D
 Acq On : 23 Aug 2018 20:20
 Operator : VA/AP
 Sample : J4583-01
 Misc : 7.31g/5mL/MSVOA F/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TOD1-SB-01-51.5-52

Quant Time: Aug 24 03:31:47 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	2961	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	3600	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	2389	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	737	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	799	19.72	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	39.44%	
35) Dibromofluoromethane	4.26	113	1067	37.74	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	75.48%	
50) Toluene-d8	7.71	98	3525	43.91	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	87.82%	
62) 4-Bromofluorobenzene	11.51	95	1168	27.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	55.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.07	50	172	3.35	ug/l #	40
5) Bromomethane	1.37	94	78	4.24	ug/l #	1
6) Chloroethane	1.34	64	875	91.71	ug/l #	45
8) Diethyl Ether	1.77	74	61	7.01	ug/l #	1
10) Methyl Iodide	1.97	142	61	1.81	ug/l #	26
11) Tert butyl alcohol	2.59	59	61	28.29	ug/l #	80
14) Allyl chloride	2.11	41	60	1.79	ug/l #	1
16) Acetone	2.29	43	79	7.42	ug/l #	63
17) Carbon Disulfide	1.83	76	101	1.71	ug/l #	72
23) Vinyl Acetate	3.28	43	62	1.56	ug/l #	80
24) 1,1-Dichloroethane	2.90	63	61	1.32	ug/l #	89
25) 2-Butanone	4.41	43	66	4.77	ug/l #	58
28) Bromochloromethane	3.90	49	78	4.00	ug/l #	4
29) Tetrahydrofuran	4.27	42	220	42.12	ug/l #	61
30) Chloroform	3.98	83	92	1.42	ug/l #	19
37) Ethyl Acetate	4.36	43	61	3.01	ug/l #	1
41) Methacrylonitrile	4.87	41	75	7.33	ug/l #	23
43) Isopropyl Acetate	7.25	43	92	3.61	ug/l #	45
45) 1,2-Dichloropropane	6.34	63	85	4.07	ug/l #	45
48) Methyl methacrylate	6.78	41	90	5.34	ug/l #	15
51) 4-Methyl-2-Pentanone	8.45	43	66	3.00	ug/l #	39
53) t-1,3-Dichloropropene	8.48	75	65	1.81	ug/l #	40
58) 2-Chloroethyl Vinyl ether	7.76	63	68	35.49	ug/l	100
59) 2-Hexanone	9.55	43	64	3.60	ug/l #	30
69) o-Xylene	10.83	106	88	2.89	ug/l #	1
74) N-amyl acetate	11.49	43	60	4.35	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	13.58	75	60	30.30	ug/l #	1

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

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