

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063692.D
 Acq On : 20 Aug 2019 18:40
 Operator : JC/SY
 Sample : K4388-08
 Misc : 6.32g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-C-(0)

Quant Time: Aug 21 03:52:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	29016	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	49977	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	49850	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	21347	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	45204	145.74	ug/l	-0.02
Spiked Amount			Recovery	=	291.48%	
35) Dibromofluoromethane	6.91	113	34670	82.37	ug/l	-0.02
Spiked Amount			Recovery	=	164.74%	
50) Toluene-d8	10.40	98	47400	51.22	ug/l	-0.02
Spiked Amount			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	13.55	95	23152	55.20	ug/l	-0.01
Spiked Amount			Recovery	=	110.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.84	62	283	1.039	ug/l #	42
5) Bromomethane	2.17	94	3157	24.573	ug/l #	3
6) Chloroethane	2.35	64	203	1.630	ug/l #	1
8) Diethyl Ether	2.87	74	601	7.970	ug/l	85
11) Tert butyl alcohol	4.05	59	203	15.035	ug/l #	71
13) Acrolein	3.02	56	207	15.576	ug/l #	1
16) Acetone	3.21	43	3579	56.765	ug/l #	65
18) Methyl Acetate	3.62	43	2520	21.101	ug/l #	57
20) Methylene Chloride	3.81	84	7069	25.929	ug/l #	78
25) 2-Butanone	6.08	43	263	4.224	ug/l #	58
29) Tetrahydrofuran	6.44	42	544	18.748	ug/l #	35
36) 1,1-Dichloropropene	7.03	75	1409	3.189	ug/l #	42
37) Ethyl Acetate	6.18	43	490	2.647	ug/l #	73
38) Carbon Tetrachloride	7.05	117	2596	3.899	ug/l #	13
48) Methyl methacrylate	9.12	41	280	1.665	ug/l #	18
51) 4-Methyl-2-Pentanone	10.22	43	185	1.090	ug/l #	40
59) 2-Hexanone	11.44	43	316	2.560	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.55	75	10311	156.589	ug/l #	1

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

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