

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063644.D
 Acq On : 16 Aug 2019 18:04
 Operator : JC/SY
 Sample : K4389-06
 Misc : 5.39g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-F(0)

Quant Time: Aug 17 06:02:52 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	17728	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	30530	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	20062	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	7361	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	16365	86.36	ug/l	-0.03
Spiked Amount			Recovery	=	172.72%	
35) Dibromofluoromethane	6.91	113	14633	56.91	ug/l	-0.03
Spiked Amount			Recovery	=	113.82%	
50) Toluene-d8	10.41	98	22587	39.96	ug/l	0.00
Spiked Amount			Recovery	=	79.92%	
62) 4-Bromofluorobenzene	13.55	95	9096	35.50	ug/l	0.00
Spiked Amount			Recovery	=	71.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.76	50	723	4.315	ug/l #	41
4) Vinyl Chloride	1.95	62	199	1.196	ug/l #	42
5) Bromomethane	2.13	94	3737	47.609	ug/l #	11
6) Chloroethane	2.14	64	458	6.021	ug/l #	42
7) Trichlorofluoromethane	2.37	101	403	1.235	ug/l #	17
8) Diethyl Ether	2.83	74	190	4.124	ug/l	79
12) 1,1-Dichloroethene	3.05	96	177	1.236	ug/l #	1
13) Acrolein	3.04	56	219	26.971	ug/l #	18
16) Acetone	3.22	43	12226	317.382	ug/l #	85
18) Methyl Acetate	3.62	43	195	2.673	ug/l #	57
20) Methylene Chloride	3.80	84	3193	19.169	ug/l #	79
21) trans-1,2-Dichloroethene	4.06	96	185	1.227	ug/l #	1
25) 2-Butanone	6.18	43	178	4.679	ug/l #	58
29) Tetrahydrofuran	6.45	42	622	35.086	ug/l #	35
31) Cyclohexane	7.02	56	224	1.309	ug/l #	4
36) 1,1-Dichloropropene	7.03	75	327	1.212	ug/l #	42
37) Ethyl Acetate	6.18	43	178	1.574	ug/l #	73
38) Carbon Tetrachloride	7.04	117	1998	4.912	ug/l #	13
39) Methylcyclohexane	8.85	83	253	1.102	ug/l #	11
41) Methacrylonitrile	6.46	41	454	3.188	ug/l #	37
43) Isopropyl Acetate	9.40	43	210	1.386	ug/l #	48
51) 4-Methyl-2-Pentanone	10.28	43	206	1.988	ug/l #	40
59) 2-Hexanone	11.52	43	216	2.864	ug/l #	30
81) trans-1,4-Dichloro-2-buten	13.55	75	3532	155.554	ug/l #	1
87) 1,3-Dichlorobenzene	14.53	146	235	1.015	ug/l #	35
88) 1,4-Dichlorobenzene	14.53	146	235	1.058	ug/l #	32
91) 1,2-Dichlorobenzene	14.80	146	443	2.256	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.95	180	201	1.391	ug/l #	10
94) Hexachlorobutadiene	16.02	225	229	2.079	ug/l #	19
95) Naphthalene	16.11	128	222	1.014	ug/l #	71

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

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