

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063499.D
 Acq On : 12 Aug 2019 20:32
 Operator : JC/SY
 Sample : K4245-02RE
 Misc : 6.10a/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-25RE

Quant Time: Aug 13 07:48:19 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	7.05	168	6245	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	12524	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	11481	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	4532	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	11751	176.03	ug/l	-0.01
Spiked Amount			Recovery	=	352.06%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	10.41	98	8551	36.87	ug/l	-0.01
Spiked Amount			Recovery	=	73.74%	
62) 4-Bromofluorobenzene	13.56	95	4162	39.60	ug/l	0.00
Spiked Amount			Recovery	=	79.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	759	12.858	ug/l #	41
5) Bromomethane	2.18	94	1250	45.207	ug/l #	52
6) Chloroethane	2.29	64	222	8.284	ug/l #	14
8) Diethyl Ether	2.86	74	180	11.091	ug/l #	40
10) Methyl Iodide	3.21	142	226	2.353	ug/l #	29
12) 1,1-Dichloroethene	3.02	96	284	5.628	ug/l #	1
13) Acrolein	3.04	56	443	154.875	ug/l #	18
14) Allyl chloride	3.57	41	178	2.346	ug/l #	8
16) Acetone	3.22	43	6407	472.151	ug/l #	73
18) Methyl Acetate	3.67	43	220	8.559	ug/l #	57
20) Methylene Chloride	3.83	84	1145	19.513	ug/l #	64
22) Diisopropyl ether	4.99	45	210	1.342	ug/l #	33
23) Vinyl Acetate	5.04	43	261	2.868	ug/l #	82
24) 1,1-Dichloroethane	5.03	63	193	1.988	ug/l #	88
25) 2-Butanone	6.17	43	484	36.114	ug/l #	58
27) cis-1,2-Dichloroethene	6.11	96	233	4.010	ug/l	1
29) Tetrahydrofuran	6.48	42	716	114.652	ug/l #	55
37) Ethyl Acetate	6.17	43	484	10.433	ug/l #	73
38) Carbon Tetrachloride	7.03	117	229	1.372	ug/l #	13
41) Methacrylonitrile	6.47	41	552	9.450	ug/l #	37
43) Isopropyl Acetate	9.28	43	250	4.023	ug/l #	48
49) 1,4-Dioxane	8.77	88	187	509.401	ug/l #	34
51) 4-Methyl-2-Pentanone	10.36	43	434	10.208	ug/l #	40
52) Toluene	10.50	92	178	1.134	ug/l #	65
56) Ethyl methacrylate	11.13	69	347	6.031	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.83	63	248	8.164	ug/l #	49
59) 2-Hexanone	11.54	43	201	6.497	ug/l #	30
67) Ethyl Benzene	12.53	91	456	1.219	ug/l #	46
68) m/p-Xylenes	12.68	106	194	1.476	ug/l #	34
74) N-amyl acetate	13.47	43	245	3.386	ug/l #	53
79) 2-Chlorotoluene	13.96	91	725	3.728	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	1946	139.203	ug/l #	1
82) 4-Chlorotoluene	13.96	91	725	3.100	ug/l #	44
87) 1,3-Dichlorobenzene	14.46	146	336	2.358	ug/l #	23

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88) 1,4-Dichlorobenzene	14.54	146	315	2.304	ug/l #	23
91) 1,2-Dichlorobenzene	14.83	146	237	1.960	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	15.37	75	178	19.758	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.94	180	515	5.789	ug/l #	10
95) Naphthalene	16.12	128	316	2.344	ug/l #	4

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

