

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062964.D
 Acq On : 28 Jun 2019 14:20
 Operator : VA/AP
 Sample : K3507-03RE
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-062619-BRE

Quant Time: Jun 29 00:14:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	13981	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	20696	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	19159	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	13196	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	15205	100.05	ug/l	-0.03
Spiked Amount			Recovery	=	200.10%	
35) Dibromofluoromethane	6.90	113	10404	59.62	ug/l	-0.03
Spiked Amount			Recovery	=	119.24%	
50) Toluene-d8	10.39	98	18818	49.55	ug/l	-0.03
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	13.54	95	11710	67.80	ug/l	-0.02
Spiked Amount			Recovery	=	135.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.74	50	575	4.226	ug/l #	45
4) Vinyl Chloride	1.78	62	232	1.720	ug/l #	43
5) Bromomethane	2.15	94	1658	26.243	ug/l #	1
6) Chloroethane	2.31	64	186	3.045	ug/l #	1
8) Diethyl Ether	2.94	74	216	6.227	ug/l	53
9) 1,1,2-Trichlorotrifluoroet	3.09	101	201	1.359	ug/l #	19
10) Methyl Iodide	3.28	142	671	3.439	ug/l #	27
12) 1,1-Dichloroethene	3.05	96	180	1.622	ug/l #	1
13) Acrolein	3.02	56	263	37.220	ug/l	89
14) Allyl chloride	3.54	41	197	1.202	ug/l #	6
16) Acetone	3.21	43	3826	120.523	ug/l #	64
18) Methyl Acetate	3.62	43	425	9.264	ug/l #	58
20) Methylene Chloride	3.80	84	213	1.838	ug/l #	5
25) 2-Butanone	6.04	43	206	7.248	ug/l #	64
29) Tetrahydrofuran	6.46	42	178	13.236	ug/l #	33
31) Cyclohexane	6.91	56	219	1.535	ug/l #	13
36) 1,1-Dichloropropene	7.02	75	585	2.986	ug/l #	46
37) Ethyl Acetate	6.13	43	277	2.316	ug/l #	69
38) Carbon Tetrachloride	7.03	117	1239	4.205	ug/l #	13
42) 1,2-Dichloroethane	7.43	62	300	1.398	ug/l	85
43) Isopropyl Acetate	9.25	43	201	1.957	ug/l #	48
51) 4-Methyl-2-Pentanone	10.32	43	209	2.870	ug/l #	41
54) cis-1,3-Dichloropropene	10.06	75	229	1.180	ug/l #	19
60) Dibromochloromethane	11.58	129	213	1.259	ug/l #	11
81) trans-1,4-Dichloro-2-buten	13.54	75	5319	133.223	ug/l #	2
84) 1,2,4-Trimethylbenzene	14.23	105	739	1.015	ug/l #	29
88) 1,4-Dichlorobenzene	14.52	146	412	1.006	ug/l #	1

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

