

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063400.D
 Acq On : 6 Aug 2019 15:48
 Operator : JC/SY
 Sample : K4165-03
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

Quant Time: Aug 07 06:42:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	10457	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	16617	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	13828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	6758	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	5460	47.06	ug/l	-0.01
Spiked Amount			Recovery	=	94.12%	
35) Dibromofluoromethane	6.90	113	5236	36.91	ug/l	-0.01
Spiked Amount			Recovery	=	73.82%	
50) Toluene-d8	10.40	98	14531	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	13.55	95	5710	39.46	ug/l	0.00
Spiked Amount			Recovery	=	78.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.74	50	666	6.706	ug/l #	46
4) Vinyl Chloride	1.77	62	216	2.101	ug/l #	45
5) Bromomethane	2.13	94	1921	37.048	ug/l #	12
12) 1,1-Dichloroethene	3.25	96	230	2.836	ug/l #	1
13) Acrolein	3.03	56	239	48.770	ug/l #	15
14) Allyl chloride	3.44	41	506	3.916	ug/l #	11
15) Acrylonitrile	4.11	53	208	15.756	ug/l #	14
16) Acetone	3.21	43	181	8.006	ug/l #	62
18) Methyl Acetate	3.66	43	336	7.738	ug/l #	60
21) trans-1,2-Dichloroethene	4.22	96	239	2.626	ug/l #	1
23) Vinyl Acetate	5.03	43	203	1.279	ug/l #	82
26) 2,2-Dichloropropane	6.10	77	210	1.236	ug/l #	56
29) Tetrahydrofuran	6.47	42	482	44.872	ug/l #	33
30) Chloroform	6.73	83	215	1.051	ug/l #	16
31) Cyclohexane	7.03	56	189	1.829	ug/l #	18
36) 1,1-Dichloropropene	7.21	75	184	1.213	ug/l #	44
37) Ethyl Acetate	6.24	43	272	3.992	ug/l #	70
38) Carbon Tetrachloride	7.02	117	452	1.980	ug/l #	11
41) Methacrylonitrile	6.43	41	350	4.295	ug/l #	40
43) Isopropyl Acetate	9.44	43	284	3.263	ug/l #	49
48) Methyl methacrylate	9.18	41	192	3.402	ug/l #	14
55) 1,1,2-Trichloroethane	11.33	97	195	2.731	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.71	63	187	4.597	ug/l #	47
59) 2-Hexanone	11.52	43	191	4.478	ug/l #	31
60) Dibromochloromethane	11.85	129	185	1.373	ug/l #	12
68) m/p-Xylenes	12.68	106	210	1.267	ug/l #	1
74) N-amyl acetate	13.08	43	257	2.292	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.47	75	273	12.112	ug/l #	3
82) 4-Chlorotoluene	13.97	91	380	1.104	ug/l #	41
89) n-Butylbenzene	14.80	91	432	1.191	ug/l #	31
90) Hexachloroethane	15.08	117	178	1.627	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	15.40	75	262	17.852	ug/l #	4

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

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