

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063410.D
 Acq On : 6 Aug 2019 20:22
 Operator : JC/SY
 Sample : K4165-03
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 07 06:44:17 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	7.06	168	8135	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	10852	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	10166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	5801	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	7350	81.43	ug/l	0.02
Spiked Amount			Recovery	=	162.86%	
35) Dibromofluoromethane	6.93	113	3084	33.29	ug/l	0.02
Spiked Amount			Recovery	=	66.58%	
50) Toluene-d8	10.41	98	11524	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	
62) 4-Bromofluorobenzene	13.56	95	4808	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.78	50	377	4.880	ug/l #	46
4) Vinyl Chloride	1.67	62	194	2.426	ug/l #	1
5) Bromomethane	2.13	94	1350	33.468	ug/l #	12
6) Chloroethane	2.20	64	186	5.037	ug/l #	47
12) 1,1-Dichloroethene	3.24	96	181	2.869	ug/l #	1
14) Allyl chloride	3.65	41	192	1.910	ug/l #	11
15) Acrylonitrile	4.14	53	196	19.085	ug/l #	14
16) Acetone	3.22	43	555	31.557	ug/l #	62
21) trans-1,2-Dichloroethene	4.29	96	278	3.927	ug/l #	1
22) Diisopropyl ether	5.18	45	201	1.001	ug/l #	31
23) Vinyl Acetate	5.12	43	209	1.693	ug/l #	82
29) Tetrahydrofuran	6.75	42	213	25.489	ug/l #	33
31) Cyclohexane	7.03	56	200	2.487	ug/l #	18
36) 1,1-Dichloropropene	7.05	75	659	6.654	ug/l #	44
37) Ethyl Acetate	6.27	43	227	5.102	ug/l #	70
38) Carbon Tetrachloride	7.04	117	240	1.610	ug/l #	11
41) Methacrylonitrile	6.35	41	308	5.787	ug/l #	40
43) Isopropyl Acetate	9.06	43	311	5.472	ug/l #	49
44) Trichloroethene	8.46	130	327	3.888	ug/l	3
48) Methyl methacrylate	9.13	41	188	5.100	ug/l #	14
59) 2-Hexanone	11.56	43	187	6.713	ug/l #	31
74) N-amyl acetate	13.14	43	223	2.317	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.66	83	221	3.573	ug/l #	24
76) 1,2,3-Trichloropropane	13.75	75	197	2.827	ug/l #	43
77) Bromobenzene	13.79	156	252	2.430	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	2221	114.792	ug/l #	3
95) Naphthalene	16.13	128	528	2.943	ug/l #	70

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

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