

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063246.D
 Acq On : 30 Jul 2019 17:16
 Operator : VA/AP
 Sample : K4043-13
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-258-260

Quant Time: Jul 31 04:56:29 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	7.04	168	24498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	41941	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	27003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	8259	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	19822	72.92	ug/l	0.01
Spiked Amount			Recovery	=	145.84%	
35) Dibromofluoromethane	6.90	113	19164	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	
50) Toluene-d8	10.39	98	25735	32.11	ug/l	0.00
Spiked Amount			Recovery	=	64.22%	
62) 4-Bromofluorobenzene	13.55	95	7205	19.73	ug/l	0.00
Spiked Amount			Recovery	=	39.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.69	50	396	1.702	ug/l #	46
4) Vinyl Chloride	1.84	62	315	1.308	ug/l #	45
5) Bromomethane	2.16	94	903	7.434	ug/l #	12
6) Chloroethane	2.24	64	379	3.408	ug/l #	47
12) 1,1-Dichloroethene	3.05	96	204	1.074	ug/l #	1
13) Acrolein	3.06	56	440	38.325	ug/l #	15
16) Acetone	3.19	43	2662	50.262	ug/l #	62
17) Carbon Disulfide	3.36	76	865	1.360	ug/l #	74
18) Methyl Acetate	3.54	43	246	2.418	ug/l #	60
20) Methylene Chloride	3.79	84	305	1.425	ug/l #	2
25) 2-Butanone	6.16	43	263	4.948	ug/l #	56
29) Tetrahydrofuran	6.33	42	181	7.193	ug/l #	16
31) Cyclohexane	7.00	56	441	1.821	ug/l #	18
36) 1,1-Dichloropropene	7.04	75	1836	4.797	ug/l #	70
37) Ethyl Acetate	6.16	43	263	1.529	ug/l #	70
38) Carbon Tetrachloride	7.04	117	3807	6.607	ug/l #	11
41) Methacrylonitrile	6.39	41	213	1.035	ug/l #	40
43) Isopropyl Acetate	9.52	43	253	1.152	ug/l #	49
44) Trichloroethene	8.53	130	486	1.495	ug/l	3
48) Methyl methacrylate	9.00	41	178	1.249	ug/l #	14
49) 1,4-Dioxane	8.81	88	217	176.419	ug/l #	22
51) 4-Methyl-2-Pentanone	10.28	43	178	1.192	ug/l #	42
56) Ethyl methacrylate	10.94	69	212	1.074	ug/l #	13
59) 2-Hexanone	11.46	43	179	1.663	ug/l #	31
74) N-amyl acetate	13.33	43	431	3.145	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.55	75	3450	125.244	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.95	180	439	2.429	ug/l #	63
95) Naphthalene	16.12	128	827	3.237	ug/l #	70

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

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