

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064029.D
 Acq On : 23 Oct 2019 19:08
 Operator : VA/SY
 Sample : K5497-18
 Misc : 6.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 188-46-(1)

Quant Time: Oct 24 05:59:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	6851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	12032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	11197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	5830	87.41	ug/l	0.01
Spiked Amount	50.000		Recovery	=	174.82%	
35) Dibromofluoromethane	7.91	113	4321	58.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.52%	
50) Toluene-d8	10.34	98	14728	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.64	95	3914	37.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	119	2.449	ug/l #	47
5) Bromomethane	2.79	94	144	1.426	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	4.09	101	58	1.009	ug/l #	16
11) Tert butyl alcohol	5.34	59	122	18.915	ug/l #	1
13) Acrolein	3.80	56	64	10.743	ug/l #	17
15) Acrylonitrile	5.41	53	60	4.084	ug/l #	17
16) Acetone	4.12	43	234	13.475	ug/l #	42
18) Methyl Acetate	4.74	43	63	1.855	ug/l #	49
20) Methylene Chloride	4.94	84	337	1.451	ug/l #	32
23) Vinyl Acetate	6.24	43	139	1.198	ug/l #	71
25) 2-Butanone	7.24	43	147	7.143	ug/l #	51
28) Bromochloromethane	7.57	49	70	3.340	ug/l #	10
29) Tetrahydrofuran	7.59	42	64	5.328	ug/l #	29
31) Cyclohexane	8.02	56	133	Below Cal	#	12
38) Carbon Tetrachloride	7.99	117	470	4.228	ug/l #	15
41) Methacrylonitrile	7.50	41	58	2.274	ug/l #	14
43) Isopropyl Acetate	8.45	43	122	1.322	ug/l #	49
46) Dibromomethane	9.53	93	63	1.434	ug/l #	3
48) Methyl methacrylate	9.49	41	114	2.579	ug/l #	37
49) 1,4-Dioxane	9.20	88	59	98.356	ug/l #	1
51) 4-Methyl-2-Pentanone	10.24	43	54	1.129	ug/l #	1
53) t-1,3-Dichloropropene	10.71	75	157	1.422	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.05	63	163	4.826	ug/l #	44
59) 2-Hexanone	10.99	43	64	1.849	ug/l #	24
64) Tetrachloroethene	10.86	164	91	1.190	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.96	131	96	1.159	ug/l #	8
71) Bromoform	12.31	173	125	2.811	ug/l #	28
74) N-amyl acetate	12.30	43	130	1.633	ug/l #	46
76) 1,2,3-Trichloropropane	12.64	75	2982	80.950	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	91	4.371	ug/l #	55
87) 1,3-Dichlorobenzene	13.58	146	202	1.110	ug/l #	43
88) 1,4-Dichlorobenzene	13.58	146	202	1.125	ug/l #	42
90) Hexachloroethane	14.21	117	68	1.078	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.59	75	147	12.881	ug/l #	1

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

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