

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064058.D
 Acq On : 24 Oct 2019 21:04
 Operator : VA/SY
 Sample : K5497-20RE
 Misc : 5.69G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 189-04-(1.2)RE

Quant Time: Oct 25 04:00:45 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	7.98	168	8036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	13430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	15123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7077	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	7127	91.10	ug/l	0.00
Spiked Amount			Recovery	=	182.20%	
35) Dibromofluoromethane	7.92	113	4629	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	
50) Toluene-d8	10.34	98	16081	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.64	95	5607	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	128	Below Cal	#	40
4) Vinyl Chloride	2.32	62	197	1.070	ug/l #	43
5) Bromomethane	2.77	94	134	1.132	ug/l #	64
8) Diethyl Ether	3.50	74	54	1.381	ug/l	70
11) Tert butyl alcohol	5.34	59	84	7.681	ug/l #	1
12) 1,1-Dichloroethene	4.07	96	78	1.158	ug/l #	1
13) Acrolein	3.94	56	63	9.016	ug/l #	17
14) Allyl chloride	4.71	41	156	1.393	ug/l #	70
15) Acrylonitrile	5.52	53	54	3.133	ug/l #	17
16) Acetone	4.16	43	57	2.798	ug/l #	42
18) Methyl Acetate	4.69	43	67	1.682	ug/l #	49
20) Methylene Chloride	4.97	84	547	3.237	ug/l #	48
21) trans-1,2-Dichloroethene	5.47	96	86	1.026	ug/l #	1
25) 2-Butanone	7.24	43	73	3.024	ug/l #	51
28) Bromochloromethane	7.51	49	118	3.985	ug/l #	10
29) Tetrahydrofuran	7.55	42	122	8.659	ug/l #	31
31) Cyclohexane	7.84	56	57	Below Cal	#	12
36) 1,1-Dichloropropene	8.00	75	179	1.458	ug/l #	41
37) Ethyl Acetate	7.30	43	55	Below Cal	#	1
38) Carbon Tetrachloride	7.99	117	592	4.771	ug/l #	15
41) Methacrylonitrile	7.52	41	58	2.037	ug/l #	1
46) Dibromomethane	9.24	93	55	1.121	ug/l #	3
48) Methyl methacrylate	9.46	41	194	3.932	ug/l #	25
49) 1,4-Dioxane	9.53	88	80	119.481	ug/l #	24
51) 4-Methyl-2-Pentanone	10.26	43	62	1.161	ug/l #	34
53) t-1,3-Dichloropropene	10.64	75	226	1.834	ug/l #	46
55) 1,1,2-Trichloroethane	10.79	97	103	1.487	ug/l #	14
56) Ethyl methacrylate	10.78	69	113	1.288	ug/l #	74
58) 2-Chloroethyl Vinyl ether	9.91	63	97	2.573	ug/l #	44
59) 2-Hexanone	10.77	43	173	4.478	ug/l	89
76) 1,2,3-Trichloropropane	12.64	75	3786	79.874	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	3786	141.345	ug/l #	12
90) Hexachloroethane	14.23	117	89	1.096	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.53	75	55	1.912	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	160	1.027	ug/l #	43

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

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