

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063906.D
 Acq On : 10 Oct 2019 13:20
 Operator : VA/SY
 Sample : K5285-13
 Misc : 4.99G/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-D1

Quant Time: Oct 11 07:38:07 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	7498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	11142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	9755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	4938	67.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.28%	
35) Dibromofluoromethane	7.92	113	3908	57.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.78%	
50) Toluene-d8	10.34	98	12397	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	
62) 4-Bromofluorobenzene	12.64	95	4208	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.20	85	60	1.128	ug/l #	47
3) Chloromethane	2.20	50	380	Below Cal	#	40
4) Vinyl Chloride	2.35	62	299	1.740	ug/l #	43
5) Bromomethane	2.78	94	186	1.683	ug/l #	66
6) Chloroethane	2.93	64	303	2.666	ug/l #	46
9) 1,1,2-Trichlorotrifluoroet	4.29	101	150	2.385	ug/l #	16
13) Acrolein	3.95	56	153	23.467	ug/l #	17
15) Acrylonitrile	5.47	53	185	11.505	ug/l #	17
16) Acetone	4.17	43	307	16.153	ug/l #	42
18) Methyl Acetate	4.70	43	114	3.067	ug/l #	31
20) Methylene Chloride	5.03	84	56	Below Cal	#	9
23) Vinyl Acetate	6.29	43	236	1.859	ug/l #	71
25) 2-Butanone	7.23	43	109	4.839	ug/l #	51
28) Bromochloromethane	7.40	49	59	3.001	ug/l #	1
29) Tetrahydrofuran	7.59	42	59	4.488	ug/l #	25
31) Cyclohexane	7.98	56	53	Below Cal	#	59
37) Ethyl Acetate	7.30	43	68	Below Cal	#	68
38) Carbon Tetrachloride	7.98	117	567	5.508	ug/l #	15
41) Methacrylonitrile	7.54	41	77	3.260	ug/l #	30
43) Isopropyl Acetate	8.50	43	122	1.428	ug/l #	49
45) 1,2-Dichloropropane	9.40	63	74	1.036	ug/l #	41
46) Dibromomethane	9.37	93	68	1.671	ug/l #	3
48) Methyl methacrylate	9.44	41	340	8.306	ug/l #	9
49) 1,4-Dioxane	9.56	88	54	97.211	ug/l #	53
51) 4-Methyl-2-Pentanone	10.21	43	59	1.332	ug/l #	1
53) t-1,3-Dichloropropene	10.73	75	131	1.281	ug/l #	46
55) 1,1,2-Trichloroethane	10.80	97	226	3.933	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.91	63	61	1.950	ug/l #	44
59) 2-Hexanone	11.00	43	73	2.278	ug/l	69
61) 1,2-Dibromoethane	11.01	107	56	1.005	ug/l #	3
64) Tetrachloroethene	10.88	164	82	1.231	ug/l #	1
68) m/p-Xylenes	11.87	106	274	2.010	ug/l #	23
71) Bromoform	12.62	173	60	1.549	ug/l #	1
73) Isopropylbenzene	12.49	105	450	1.229	ug/l #	48

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.50	83	83	1.302	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	3168	86.820	ug/l #	100
79) 2-Chlorotoluene	12.94	91	258	1.088	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.64	75	3168	153.637	ug/l #	12
82) 4-Chlorotoluene	12.94	91	258	1.026	ug/l	94
86) p-Isopropyltoluene	13.53	119	375	1.079	ug/l #	50
88) 1,4-Dichlorobenzene	13.60	146	180	1.012	ug/l	84
90) Hexachloroethane	14.10	117	66	1.056	ug/l #	29
92) 1,2-Dibromo-3-Chloropropan	14.48	75	66	4.425	ug/l #	1
95) Naphthalene	15.40	128	495	2.457	ug/l #	69

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

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