

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063914.D
 Acq On : 10 Oct 2019 17:06
 Operator : VA/SY
 Sample : K5292-02
 Misc : 4.90G/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190853-COMPOSITE-E

Quant Time: Oct 11 07:40:09 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	7.97	168	602	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.86	114	2078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	554	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	664	113.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	226.58%	
35) Dibromofluoromethane	7.91	113	519	40.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.74%	
50) Toluene-d8	10.34	98	2566	49.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.63	95	819	45.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.16	85	57	13.351	ug/l #	47
3) Chloromethane	2.20	50	86	3.372	ug/l #	40
4) Vinyl Chloride	2.16	62	115	8.334	ug/l #	43
5) Bromomethane	2.64	94	64	7.215	ug/l	100
6) Chloroethane	2.89	64	156	17.095	ug/l #	46
7) Trichlorofluoromethane	3.53	101	59	3.234	ug/l #	18
8) Diethyl Ether	3.96	74	55	18.783	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.91	101	121	23.961	ug/l #	16
10) Methyl Iodide	4.15	142	138	19.832	ug/l #	40
11) Tert butyl alcohol	5.28	59	56	133.807	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	62	12.289	ug/l #	1
13) Acrolein	3.92	56	81	154.739	ug/l #	5
14) Allyl chloride	4.70	41	58	6.915	ug/l #	1
15) Acrylonitrile	5.39	53	57	44.152	ug/l #	17
16) Acetone	4.15	43	407	266.725	ug/l #	42
17) Carbon Disulfide	4.43	76	58	3.162	ug/l #	79
18) Methyl Acetate	4.71	43	54	18.093	ug/l #	49
19) Methyl tert-butyl Ether	5.38	73	55	4.210	ug/l #	53
20) Methylene Chloride	5.02	84	54	5.284	ug/l #	7
21) trans-1,2-Dichloroethene	5.44	96	59	9.394	ug/l #	1
22) Diisopropyl ether	6.40	45	61	3.561	ug/l #	38
23) Vinyl Acetate	6.30	43	58	5.691	ug/l #	71
24) 1,1-Dichloroethane	6.38	63	115	10.898	ug/l #	82
25) 2-Butanone	7.23	43	62	34.285	ug/l #	51
26) 2,2-Dichloropropane	6.98	77	55	5.762	ug/l #	53
27) cis-1,2-Dichloroethene	7.34	96	58	8.159	ug/l #	59
28) Bromochloromethane	7.50	49	108	27.781	ug/l #	10
29) Tetrahydrofuran	7.57	42	66	62.529	ug/l #	31
30) Chloroform	7.94	83	64	5.584	ug/l #	20
32) 1,1,1-Trichloroethane	7.79	97	60	6.103	ug/l #	1
36) 1,1-Dichloropropene	8.36	75	154	8.105	ug/l #	52
37) Ethyl Acetate	7.28	43	159	18.345	ug/l #	68
38) Carbon Tetrachloride	8.16	117	62	3.229	ug/l #	15
39) Methylcyclohexane	9.15	83	55	2.354	ug/l #	44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) Benzene	8.41	78	70	1.286	ug/l #	52
41) Methacrylonitrile	7.54	41	73	16.572	ug/l #	4
42) 1,2-Dichloroethane	8.42	62	162	10.286	ug/l #	73
43) Isopropyl Acetate	8.48	43	71	4.456	ug/l #	16
45) 1,2-Dichloropropane	9.30	63	79	5.928	ug/l #	41
46) Dibromomethane	9.20	93	63	8.301	ug/l #	3
47) Bromodichloromethane	9.91	83	56	2.866	ug/l #	26
48) Methyl methacrylate	9.45	41	88	11.527	ug/l #	49
49) 1,4-Dioxane	9.50	88	121	1167.951	ug/l #	24
51) 4-Methyl-2-Pentanone	10.18	43	205	24.808	ug/l #	34
52) Toluene	10.64	92	63	1.686	ug/l #	1
53) t-1,3-Dichloropropene	10.75	75	137	7.185	ug/l #	46
54) cis-1,3-Dichloropropene	10.11	75	72	3.280	ug/l #	1
55) 1,1,2-Trichloroethane	10.79	97	70	6.532	ug/l #	14
56) Ethyl methacrylate	10.67	69	54	3.979	ug/l #	1
57) 1,3-Dichloropropane	11.13	76	73	3.981	ug/l #	1
59) 2-Hexanone	10.76	43	107	17.900	ug/l	91
61) 1,2-Dibromoethane	11.18	107	69	6.642	ug/l #	3
65) Chlorobenzene	11.51	112	65	1.747	ug/l #	43
69) o-Xylene	12.43	106	71	2.863	ug/l #	1
74) N-amyl acetate	12.34	43	61	7.607	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.52	83	54	8.332	ug/l #	26
76) 1,2,3-Trichloropropane	12.78	75	89	23.986	ug/l #	100
78) n-propylbenzene	12.92	91	104	2.379	ug/l #	51
79) 2-Chlorotoluene	12.92	91	104	4.315	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.80	105	60	1.931	ug/l #	26
81) trans-1,4-Dichloro-2-buten	12.61	75	170	81.075	ug/l #	12
82) 4-Chlorotoluene	13.00	91	60	2.346	ug/l #	1
90) Hexachloroethane	14.26	117	74	11.643	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.54	75	92	93.506	ug/l #	33

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

