

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065201.D
 Acq On : 17 Feb 2020 17:20
 Operator : VA/SY
 Sample : L1531-02RE
 Misc : 7.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WFD-SB-103-1.5-2.5RE

Quant Time: Feb 18 03:16:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	3850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	4210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	3504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	1862	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	781	23.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	47.74%	
35) Dibromofluoromethane	7.92	113	1148	48.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.74%	
50) Toluene-d8	10.34	98	4445	47.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	12.63	95	1248	42.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	133	4.151	ug/l #	43
3) Chloromethane	2.20	50	349	9.254	ug/l #	40
4) Vinyl Chloride	2.34	62	54	1.354	ug/l #	42
5) Bromomethane	2.80	94	315	12.180	ug/l #	62
7) Trichlorofluoromethane	3.27	101	121	2.085	ug/l #	18
12) 1,1-Dichloroethene	4.07	96	141	4.149	ug/l #	1
13) Acrolein	3.66	56	71	28.873	ug/l #	56
14) Allyl chloride	4.71	41	170	3.010	ug/l #	48
16) Acetone	4.17	43	55041	6727.909	ug/l	98
17) Carbon Disulfide	4.40	76	2466	22.600	ug/l #	74
18) Methyl Acetate	4.74	43	84	4.914	ug/l #	52
19) Methyl tert-butyl Ether	5.46	73	180	2.395	ug/l #	55
20) Methylene Chloride	4.96	84	10265	305.064	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	68	1.769	ug/l #	1
25) 2-Butanone	7.23	43	10107	1035.689	ug/l #	88
27) cis-1,2-Dichloroethene	7.22	96	192	4.700	ug/l #	60
29) Tetrahydrofuran	7.56	42	54	9.150	ug/l #	34
36) 1,1-Dichloropropene	7.99	75	65	1.660	ug/l #	41
37) Ethyl Acetate	7.31	43	402	25.136	ug/l #	69
38) Carbon Tetrachloride	8.11	117	60	1.501	ug/l #	11
39) Methylcyclohexane	9.35	83	1297	26.842	ug/l #	82
40) Benzene	8.35	78	617	5.708	ug/l #	51
41) Methacrylonitrile	7.56	41	60	6.810	ug/l #	19
43) Isopropyl Acetate	8.47	43	74	2.419	ug/l #	52
44) Trichloroethene	9.12	130	314	10.119	ug/l	56
48) Methyl methacrylate	9.53	41	78	5.298	ug/l #	83
51) 4-Methyl-2-Pentanone	10.24	43	56	3.719	ug/l #	37
52) Toluene	10.40	92	571	8.276	ug/l #	75
55) 1,1,2-Trichloroethane	10.78	97	184	9.849	ug/l #	17
56) Ethyl methacrylate	10.53	69	317	13.411	ug/l #	1
59) 2-Hexanone	10.98	43	152	14.251	ug/l #	26
60) Dibromochloromethane	10.88	129	629	25.995	ug/l #	11
64) Tetrachloroethene	10.89	164	1196	47.502	ug/l #	54
67) Ethyl Benzene	11.75	91	1013	8.227	ug/l #	85

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

68) m/p-Xylenes	11.86	106	856	18.215	ug/l	79
69) o-Xylene	12.19	106	294	6.947	ug/l	94
70) Styrene	12.20	104	201	2.733	ug/l #	26
74) N-amy1 acetate	12.26	43	58	2.088	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.00	83	262	13.026	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	516	36.603	ug/l #	100
78) n-propylbenzene	12.83	91	531	3.548	ug/l #	52
79) 2-Chlorotoluene	12.91	91	156	1.870	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.97	105	603	5.767	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.64	75	516	73.203	ug/l #	10
82) 4-Chlorotoluene	13.01	91	149	1.701	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.28	105	774	7.457	ug/l #	61
85) sec-Butylbenzene	13.41	105	245	1.989	ug/l #	56
86) p-Isopropyltoluene	13.53	119	244	2.132	ug/l #	50
89) n-Butylbenzene	13.86	91	351	3.322	ug/l #	51
90) Hexachloroethane	14.11	117	95	4.383	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.17	180	149	4.222	ug/l #	43
95) Naphthalene	15.41	128	1549	26.406	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.61	180	126	4.174	ug/l #	13

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

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