

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063271.D
 Acq On : 31 Jul 2019 11:43
 Operator : VA/AP
 Sample : VD0731SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBS01

Quant Time: Aug 01 04:00:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1127542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1492227	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1293705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	675945	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	651204	52.05	ug/l	0.00
Spiked Amount						
			Recovery	=	104.10%	
35) Dibromofluoromethane	6.92	113	726642	57.03	ug/l	0.00
Spiked Amount						
			Recovery	=	114.06%	
50) Toluene-d8	10.40	98	1540909	54.04	ug/l	0.00
Spiked Amount						
			Recovery	=	108.08%	
62) 4-Bromofluorobenzene	13.55	95	664115	51.11	ug/l	0.00
Spiked Amount						
			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	282669	20.509	ug/l	98
3) Chloromethane	1.74	50	221793	20.712	ug/l	92
4) Vinyl Chloride	1.84	62	234155	21.123	ug/l	99
5) Bromomethane	2.14	94	94849	16.965	ug/l	97
6) Chloroethane	2.25	64	85667	16.738	ug/l #	82
7) Trichlorofluoromethane	2.52	101	439439	20.433	ug/l	99
8) Diethyl Ether	2.87	74	53224	17.683	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.14	101	240694	20.204	ug/l	98
10) Methyl Iodide	3.30	142	312209	18.142	ug/l	97
11) Tert butyl alcohol	4.08	59	45992	83.766	ug/l #	91
12) 1,1-Dichloroethene	3.12	96	176652	20.199	ug/l	89
13) Acrolein	3.03	56	46960	88.871	ug/l	99
14) Allyl chloride	3.61	41	260216	18.677	ug/l	96
15) Acrylonitrile	4.19	53	131007	92.034	ug/l	89
16) Acetone	3.22	43	223791	91.806	ug/l	100
17) Carbon Disulfide	3.36	76	577895	19.742	ug/l	97
18) Methyl Acetate	3.64	43	91495	19.541	ug/l #	80
19) Methyl tert-butyl Ether	4.22	73	372688	18.865	ug/l	98
20) Methylene Chloride	3.81	84	189034	19.185	ug/l	94
21) trans-1,2-Dichloroethene	4.20	96	204481	20.838	ug/l	90
22) Diisopropyl ether	5.12	45	542100	19.476	ug/l #	93
23) Vinyl Acetate	5.05	43	1592891	93.096	ug/l	99
24) 1,1-Dichloroethane	4.97	63	333387	18.751	ug/l	95
25) 2-Butanone	6.06	43	224509	91.771	ug/l	95
26) 2,2-Dichloropropane	6.01	77	355827	19.420	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	208502	19.818	ug/l	93
28) Bromochloromethane	6.43	49	132735	18.738	ug/l	87
29) Tetrahydrofuran	6.46	42	104221	89.982	ug/l	98
30) Chloroform	6.66	83	422072	19.129	ug/l	99
31) Cyclohexane	6.95	56	224302	20.127	ug/l	96
32) 1,1,1-Trichloroethane	6.87	97	415887	19.486	ug/l	98
36) 1,1-Dichloropropene	7.13	75	283906	20.847	ug/l	96
37) Ethyl Acetate	6.18	43	121171	19.805	ug/l #	98
38) Carbon Tetrachloride	7.11	117	410863	20.040	ug/l	98

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39) Methylcyclohexane	8.86	83	245090	21.601	ug/l	96
40) Benzene	7.45	78	586903	20.563	ug/l	96
41) Methacrylonitrile	6.46	41	137399	18.774	ug/l #	91
42) 1,2-Dichloroethane	7.57	62	297031	19.636	ug/l	98
43) Isopropyl Acetate	9.23	43	145870	18.664	ug/l #	97
44) Trichloroethene	8.53	130	247154	21.370	ug/l	93
45) 1,2-Dichloropropane	8.94	63	144298	19.891	ug/l	98
46) Dibromomethane	9.05	93	119710	19.846	ug/l	92
47) Bromodichloromethane	9.37	83	323531	21.041	ug/l	97
48) Methyl methacrylate	9.11	41	99898	19.709	ug/l	94
49) 1,4-Dioxane	9.07	88	17756	411.101	ug/l	90
51) 4-Methyl-2-Pentanone	10.29	43	523873	98.563	ug/l	98
52) Toluene	10.50	92	418412	22.041	ug/l	93
53) t-1,3-Dichloropropene	10.91	75	261517	19.727	ug/l	95
54) cis-1,3-Dichloropropene	10.03	75	296622	21.290	ug/l	94
55) 1,1,2-Trichloroethane	11.18	97	121513	18.953	ug/l	95
56) Ethyl methacrylate	11.03	69	146041	20.802	ug/l	90
57) 1,3-Dichloropropane	11.40	76	196438	19.446	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.85	63	345709	94.636	ug/l	98
59) 2-Hexanone	11.53	43	382844	99.952	ug/l	96
60) Dibromochloromethane	11.68	129	248605	20.540	ug/l	99
61) 1,2-Dibromoethane	11.80	107	160845	20.332	ug/l	96
64) Tetrachloroethene	11.25	164	197329	19.146	ug/l	93
65) Chlorobenzene	12.39	112	503542	20.236	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.51	131	226221	20.639	ug/l	99
67) Ethyl Benzene	12.52	91	927070	21.931	ug/l	99
68) m/p-Xylenes	12.67	106	655139	42.260	ug/l	98
69) o-Xylene	13.04	106	292915	20.576	ug/l	97
70) Styrene	13.07	104	479237	18.982	ug/l	99
71) Bromoform	13.23	173	154642	19.400	ug/l	98
73) Isopropylbenzene	13.40	105	906435	21.366	ug/l	98
74) N-amyl acetate	13.26	43	205160	18.293	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.69	83	144093	19.995	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	161844	19.934	ug/l	98
77) Bromobenzene	13.66	156	254600	21.067	ug/l	97
78) n-propylbenzene	13.77	91	987535	19.561	ug/l	97
79) 2-Chlorotoluene	13.84	91	600951	20.543	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	799813	21.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	39196	17.386	ug/l #	77
82) 4-Chlorotoluene	13.95	91	779621	22.646	ug/l	100
83) tert-Butylbenzene	14.18	119	871320	20.855	ug/l	99
84) 1,2,4-Trimethylbenzene	14.23	105	759553	20.069	ug/l	98
85) sec-Butylbenzene	14.36	105	854100	19.403	ug/l	100
86) p-Isopropyltoluene	14.49	119	871755	20.749	ug/l	98
87) 1,3-Dichlorobenzene	14.45	146	455903	21.302	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	408900	18.893	ug/l	95
89) n-Butylbenzene	14.79	91	794438	21.893	ug/l	98
90) Hexachloroethane	15.00	117	200626	18.329	ug/l	88
91) 1,2-Dichlorobenzene	14.80	146	371856	19.941	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	28672	19.533	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	292403	19.766	ug/l	96
94) Hexachlorobutadiene	16.03	225	205211	19.142	ug/l	95
95) Naphthalene	16.12	128	389107	18.610	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	222951	19.078	ug/l	95

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

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