

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
 Data File : VD068653.D
 Acq On : 18 Mar 2021 14:34
 Operator : VA/SY
 Sample : VD0318SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Quant Time: Mar 19 01:05:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	226551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	394767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	370659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	201381	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116754	51.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.16%	
35) Dibromofluoromethane	7.920	113	123309	51.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.70%	
50) Toluene-d8	10.344	98	459530	48.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.02%	
62) 4-Bromofluorobenzene	12.632	95	162521	53.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	41378	18.82	ug/l 95
3) Chloromethane	2.209	50	56486	20.33	ug/l 99
4) Vinyl Chloride	2.350	62	65329	19.80	ug/l 96
5) Bromomethane	2.756	94	49426	21.04	ug/l 93
6) Chloroethane	2.915	64	46889	21.98	ug/l 90
7) Trichlorofluoromethane	3.268	101	80902	21.50	ug/l 100
8) Diethyl Ether	3.715	74	23484	20.96	ug/l 97
9) 1,1,2-Trichlorotrifluo...	4.091	101	49534	21.60	ug/l 92
10) Methyl Iodide	4.303	142	44435	17.98	ug/l 96
11) Tert butyl alcohol	5.232	59	16224	134.24	ug/l 96
12) 1,1-Dichloroethene	4.068	96	48003	21.10	ug/l 96
13) Acrolein	3.926	56	13809	79.95	ug/l 100
14) Allyl chloride	4.709	41	57851	19.69	ug/l 95
15) Acrylonitrile	5.426	53	54827	115.93	ug/l 100
16) Acetone	4.156	43	34215	95.16	ug/l 99
17) Carbon Disulfide	4.409	76	146566	19.66	ug/l 99
18) Methyl Acetate	4.715	43	20497	22.12	ug/l 91
19) Methyl tert-butyl Ether	5.485	73	115662	23.45	ug/l 95
20) Methylene Chloride	4.962	84	71978	24.66	ug/l 90
21) trans-1,2-Dichloroethene	5.468	96	60758	22.37	ug/l 97
22) Diisopropyl ether	6.362	45	134119	20.73	ug/l 97
23) Vinyl Acetate	6.309	43	349879	104.25	ug/l 99
24) 1,1-Dichloroethane	6.268	63	95578	21.55	ug/l 99
25) 2-Butanone	7.215	43	55995	108.34	ug/l 92
26) 2,2-Dichloropropane	7.209	77	79063	21.40	ug/l 98
27) cis-1,2-Dichloroethene	7.209	96	66124	22.17	ug/l 97
28) Bromochloromethane	7.544	49	36965	21.36	ug/l 80
29) Tetrahydrofuran	7.567	42	35814	106.71	ug/l 98
30) Chloroform	7.714	83	102608	21.91	ug/l 92
31) Cyclohexane	7.991	56	78572	19.09	ug/l 100
32) 1,1,1-Trichloroethane	7.909	97	87633	21.93	ug/l 96
36) 1,1-Dichloropropene	8.114	75	77316	20.60	ug/l 96
37) Ethyl Acetate	7.297	43	27222	21.86	ug/l # 96
38) Carbon Tetrachloride	8.103	117	75457	21.40	ug/l 94
39) Methylcyclohexane	9.356	83	87514	18.91	ug/l 96
40) Benzene	8.356	78	228732	21.25	ug/l 96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	14259	19.73	ug/l	94
42) 1,2-Dichloroethane	8.426	62	59978	21.19	ug/l	99
43) Isopropyl Acetate	8.450	43	48207	21.07	ug/l	97
44) Trichloroethene	9.114	130	61247	20.73	ug/l	100
45) 1,2-Dichloropropane	9.391	63	56378	21.91	ug/l	95
46) Dibromomethane	9.479	93	30679	21.92	ug/l	92
47) Bromodichloromethane	9.661	83	81623	22.54	ug/l #	95
48) Methyl methacrylate	9.456	41	26392	21.64	ug/l	99
49) 1,4-Dioxane	9.461	88	7145	447.55	ug/l	88
51) 4-Methyl-2-Pentanone	10.232	43	129043	107.77	ug/l	96
52) Toluene	10.403	92	144210	20.98	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	72515	21.67	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	85544	20.95	ug/l	98
55) 1,1,2-Trichloroethane	10.803	97	43404	22.40	ug/l	93
56) Ethyl methacrylate	10.661	69	47514	21.34	ug/l	96
57) 1,3-Dichloropropane	10.944	76	71438	21.13	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	119224	106.72	ug/l	93
59) 2-Hexanone	10.985	43	84380	105.72	ug/l	98
60) Dibromochloromethane	11.144	129	53575	22.34	ug/l	99
61) 1,2-Dibromoethane	11.250	107	42818	22.59	ug/l	98
64) Tetrachloroethene	10.879	164	50319	20.79	ug/l	100
65) Chlorobenzene	11.673	112	160524	21.27	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.744	131	56961	21.71	ug/l	97
67) Ethyl Benzene	11.744	91	271894	20.18	ug/l	100
68) m/p-Xylenes	11.850	106	220012	42.99	ug/l	98
69) o-Xylene	12.179	106	95991	20.37	ug/l	96
70) Styrene	12.197	104	172529	21.41	ug/l	98
71) Bromoform	12.361	173	29962	22.48	ug/l #	97
73) Isopropylbenzene	12.479	105	272255	18.23	ug/l	99
74) N-amyl acetate	12.291	43	47591	18.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	53657	20.88	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	36444m	20.39	ug/l	
77) Bromobenzene	12.761	156	67143	19.70	ug/l	90
78) n-propylbenzene	12.820	91	350720	19.65	ug/l	98
79) 2-Chlorotoluene	12.902	91	198193	20.01	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	239321	19.55	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	15101	19.71	ug/l	91
82) 4-Chlorotoluene	13.002	91	204875	19.66	ug/l	99
83) tert-Butylbenzene	13.220	119	192078	18.43	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	238896	19.49	ug/l	99
85) sec-Butylbenzene	13.402	105	278949	18.95	ug/l	98
86) p-Isopropyltoluene	13.514	119	275860	20.64	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	138564	21.05	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	139861	21.44	ug/l	98
89) n-Butylbenzene	13.838	91	252769	19.61	ug/l	99
90) Hexachloroethane	14.108	117	45281	17.05	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	122525	21.70	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8892	19.63	ug/l	90
93) 1,2,4-Trichlorobenzene	15.155	180	82658	18.95	ug/l	99
94) Hexachlorobutadiene	15.261	225	45769	18.91	ug/l	98
95) Naphthalene	15.396	128	148684	18.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	72327	19.16	ug/l	99

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

