

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
 Data File : VD068650.D
 Acq On : 18 Mar 2021 12:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 01:04:02 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	7.979	168	254717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	414117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	376094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215458	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	110531	43.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.86%
35) Dibromofluoromethane	7.914	113	123877	49.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.32%
50) Toluene-d8	10.338	98	468893	47.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.38%
62) 4-Bromofluorobenzene	12.632	95	156378	48.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.66%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	107980	43.68	ug/l 98
3) Chloromethane	2.209	50	133250	42.66	ug/l 100
4) Vinyl Chloride	2.350	62	166553	44.90	ug/l 97
5) Bromomethane	2.768	94	115092	43.58	ug/l 100
6) Chloroethane	2.921	64	108842	45.38	ug/l 98
7) Trichlorofluoromethane	3.273	101	204979	48.44	ug/l 99
8) Diethyl Ether	3.709	74	55398	43.97	ug/l 96
9) 1,1,2-Trichlorotrifluo...	4.103	101	122029	47.33	ug/l 94
10) Methyl Iodide	4.297	142	123868	40.70	ug/l 97
11) Tert butyl alcohol	5.232	59	32421	238.60	ug/l # 94
12) 1,1-Dichloroethene	4.073	96	117292	45.85	ug/l 96
13) Acrolein	3.920	56	44084	227.00	ug/l 95
14) Allyl chloride	4.720	41	144185	43.66	ug/l 97
15) Acrylonitrile	5.426	53	133416	250.91	ug/l 99
16) Acetone	4.156	43	110231	272.68	ug/l 91
17) Carbon Disulfide	4.409	76	349860	41.75	ug/l 98
18) Methyl Acetate	4.720	43	49852	47.85	ug/l 96
19) Methyl tert-butyl Ether	5.473	73	278456	50.21	ug/l 93
20) Methylene Chloride	4.962	84	144482	47.59	ug/l 95
21) trans-1,2-Dichloroethene	5.473	96	149267	48.87	ug/l 98
22) Diisopropyl ether	6.367	45	321318	44.18	ug/l 96
23) Vinyl Acetate	6.309	43	841968	223.12	ug/l 100
24) 1,1-Dichloroethane	6.267	63	230402	46.21	ug/l 98
25) 2-Butanone	7.214	43	132154	227.42	ug/l 99
26) 2,2-Dichloropropane	7.214	77	207170	49.88	ug/l 99
27) cis-1,2-Dichloroethene	7.209	96	155229	46.29	ug/l 99
28) Bromochloromethane	7.550	49	91948	47.25	ug/l 84
29) Tetrahydrofuran	7.567	42	78980	209.31	ug/l 98
30) Chloroform	7.708	83	241201	45.81	ug/l 97
31) Cyclohexane	7.985	56	193799	41.87	ug/l 94
32) 1,1,1-Trichloroethane	7.908	97	217662	48.44	ug/l 96
36) 1,1-Dichloropropene	8.114	75	191160	48.56	ug/l 99
37) Ethyl Acetate	7.291	43	59556	45.60	ug/l 99
38) Carbon Tetrachloride	8.097	117	189874	51.34	ug/l 98
39) Methylcyclohexane	9.355	83	229526	47.28	ug/l 99
40) Benzene	8.350	78	539511	47.78	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.544	41	40314m	53.18	ug/l	
42) 1,2-Dichloroethane	8.426	62	141041	47.50	ug/l	98
43) Isopropyl Acetate	8.450	43	117057	48.77	ug/l	98
44) Trichloroethene	9.114	130	150162	48.45	ug/l	99
45) 1,2-Dichloropropane	9.385	63	129709	48.05	ug/l	97
46) Dibromomethane	9.479	93	71868	48.94	ug/l	93
47) Bromodichloromethane	9.661	83	188170	49.54	ug/l	97
48) Methyl methacrylate	9.455	41	55890	43.68	ug/l	85
49) 1,4-Dioxane	9.461	88	16315	974.20	ug/l	97
51) 4-Methyl-2-Pentanone	10.232	43	306171	243.75	ug/l	99
52) Toluene	10.402	92	352864	48.94	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	177195	50.47	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	207089	48.35	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	100884	49.64	ug/l	94
56) Ethyl methacrylate	10.661	69	114102	48.85	ug/l	95
57) 1,3-Dichloropropane	10.950	76	168718	47.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	295398	252.07	ug/l	93
59) 2-Hexanone	10.985	43	218493	260.97	ug/l	100
60) Dibromochloromethane	11.138	129	124772	49.60	ug/l	99
61) 1,2-Dibromoethane	11.249	107	94950	47.75	ug/l	100
64) Tetrachloroethene	10.879	164	120474	49.05	ug/l	95
65) Chlorobenzene	11.667	112	376476	49.15	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	135537	50.91	ug/l	98
67) Ethyl Benzene	11.744	91	683767	50.01	ug/l	98
68) m/p-Xylenes	11.855	106	539121	103.83	ug/l	99
69) o-Xylene	12.179	106	245445	51.33	ug/l	93
70) Styrene	12.196	104	424169	51.87	ug/l	98
71) Bromoform	12.361	173	72083	53.29	ug/l #	100
73) Isopropylbenzene	12.479	105	681413	42.64	ug/l	99
74) N-amyl acetate	12.285	43	111835	41.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	117201	42.63	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	82148m	42.95	ug/l	
77) Bromobenzene	12.761	156	157837	43.28	ug/l	91
78) n-propylbenzene	12.820	91	860727	45.08	ug/l	98
79) 2-Chlorotoluene	12.908	91	473240	44.65	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	603358	46.07	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	35598	43.43	ug/l	94
82) 4-Chlorotoluene	13.002	91	500150	44.85	ug/l	99
83) tert-Butylbenzene	13.220	119	518837	46.53	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	593008	45.21	ug/l	98
85) sec-Butylbenzene	13.402	105	740402	47.00	ug/l	99
86) p-Isopropyltoluene	13.514	119	703378	49.19	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	338440	48.05	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	333074	47.73	ug/l	99
89) n-Butylbenzene	13.838	91	675848	49.00	ug/l	97
90) Hexachloroethane	14.108	117	118197	41.59	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	290070	48.02	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	19539	40.32	ug/l	92
93) 1,2,4-Trichlorobenzene	15.155	180	202730	43.45	ug/l	100
94) Hexachlorobutadiene	15.261	225	118853	45.89	ug/l	98
95) Naphthalene	15.396	128	362521	42.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	173412	42.93	ug/l	98

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

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