

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030921\
 Data File : VD068569.D
 Acq On : 09 Mar 2021 10:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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SAM
 3/10/2021 3:12:24 PM

Quant Time: Mar 09 23:58:46 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	258888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	432130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	398988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	192055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	121753	47.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.14%		
35) Dibromofluoromethane	7.920	113	130611	50.17	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.34%		
50) Toluene-d8	10.338	98	502047	48.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.84%		
62) 4-Bromofluorobenzene	12.632	95	164844	49.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.66%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	122154	48.62	ug/l	93
3) Chloromethane	2.215	50	150804	47.50	ug/l	95
4) Vinyl Chloride	2.350	62	182777	48.48	ug/l	97
5) Bromomethane	2.768	94	134271	50.02	ug/l	99
6) Chloroethane	2.926	64	117838	48.34	ug/l	100
7) Trichlorofluoromethane	3.279	101	225365	52.40	ug/l	97
8) Diethyl Ether	3.709	74	63952	49.95	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	136411	52.06	ug/l	95
10) Methyl Iodide	4.309	142	151440	48.42	ug/l	94
11) Tert butyl alcohol	5.221	59	31229	226.12	ug/l #	74
12) 1,1-Dichloroethene	4.074	96	132049	50.79	ug/l	90
13) Acrolein	3.921	56	44223	224.04	ug/l	99
14) Allyl chloride	4.726	41	169139	50.39	ug/l	98
15) Acrylonitrile	5.432	53	151049	279.50	ug/l	99
16) Acetone	4.162	43	116059	282.47	ug/l	90
17) Carbon Disulfide	4.415	76	422800	49.64	ug/l	97
18) Methyl Acetate	4.715	43	59006	55.72	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	333078	59.09	ug/l	93
20) Methylene Chloride	4.968	84	159050	51.92	ug/l	93
21) trans-1,2-Dichloroethene	5.479	96	184671	59.49	ug/l	98
22) Diisopropyl ether	6.367	45	374092	50.61	ug/l	96
23) Vinyl Acetate	6.309	43	982889	256.27	ug/l	98
24) 1,1-Dichloroethane	6.268	63	263445	51.99	ug/l	99
25) 2-Butanone	7.215	43	152496	258.20	ug/l	95
26) 2,2-Dichloropropane	7.209	77	231471	54.83	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	177120	51.97	ug/l	98
28) Bromochloromethane	7.550	49	101417	51.28	ug/l	82
29) Tetrahydrofuran	7.562	42	95521	249.07	ug/l	98
30) Chloroform	7.714	83	278636	52.07	ug/l	97
31) Cyclohexane	7.985	56	224288	47.68	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	242009	52.99	ug/l	97
36) 1,1-Dichloropropene	8.114	75	215794	52.54	ug/l	98
37) Ethyl Acetate	7.291	43	70653	51.84	ug/l	98
38) Carbon Tetrachloride	8.097	117	212998	55.19	ug/l	95
39) Methylcyclohexane	9.361	83	266262	52.56	ug/l	97
40) Benzene	8.356	78	621255	52.73	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	38907m	49.18	ug/l	
42) 1,2-Dichloroethane	8.426	62	164226	53.01	ug/l	99
43) Isopropyl Acetate	8.456	43	133292	53.21	ug/l	98
44) Trichloroethene	9.114	130	172223	53.25	ug/l	92
45) 1,2-Dichloropropane	9.391	63	153255	54.41	ug/l	97
46) Dibromomethane	9.479	93	84284	55.00	ug/l	92
47) Bromodichloromethane	9.667	83	215594	54.39	ug/l	98
48) Methyl methacrylate	9.461	41	69261	51.88	ug/l	94
49) 1,4-Dioxane	9.461	88	17339	992.19	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	356577	272.04	ug/l	98
52) Toluene	10.408	92	406902	54.08	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	199328	54.41	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	238940	53.46	ug/l	98
55) 1,1,2-Trichloroethane	10.803	97	114440	53.97	ug/l	94
56) Ethyl methacrylate	10.661	69	129840	53.27	ug/l	97
57) 1,3-Dichloropropane	10.950	76	201152	54.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	327586	267.88	ug/l	94
59) 2-Hexanone	10.985	43	249007	285.01	ug/l	99
60) Dibromochloromethane	11.138	129	148077	56.41	ug/l	100
61) 1,2-Dibromoethane	11.250	107	110582	53.29	ug/l	98
64) Tetrachloroethene	10.879	164	140353	53.87	ug/l	98
65) Chlorobenzene	11.673	112	436495	53.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	155572	55.08	ug/l	98
67) Ethyl Benzene	11.744	91	783609	54.03	ug/l	97
68) m/p-Xylenes	11.855	106	597212	108.42	ug/l	99
69) o-Xylene	12.179	106	278454	54.89	ug/l	93
70) Styrene	12.197	104	481563	55.51	ug/l	99
71) Bromoform	12.361	173	81287	56.65	ug/l #	100
73) Isopropylbenzene	12.479	105	752316	52.81	ug/l	99
74) N-amyl acetate	12.285	43	130362	53.72	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	126718	51.71	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	90499m	53.08	ug/l	
77) Bromobenzene	12.761	156	170080	52.32	ug/l	92
78) n-propylbenzene	12.820	91	915203	53.77	ug/l	98
79) 2-Chlorotoluene	12.908	91	494392	52.33	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	630384	54.00	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	39674	54.30	ug/l	95
82) 4-Chlorotoluene	13.002	91	518351	52.15	ug/l	100
83) tert-Butylbenzene	13.220	119	525657	52.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	634147	54.24	ug/l	98
85) sec-Butylbenzene	13.402	105	763058	54.34	ug/l	99
86) p-Isopropyltoluene	13.514	119	698664	54.81	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	336479	53.59	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	338990	54.50	ug/l	99
89) n-Butylbenzene	13.838	91	670231	54.51	ug/l	98
90) Hexachloroethane	14.108	117	137341	54.22	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	284039	52.75	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	20752	48.04	ug/l	86
93) 1,2,4-Trichlorobenzene	15.161	180	198448	47.71	ug/l	99
94) Hexachlorobutadiene	15.261	225	113010	48.95	ug/l	98
95) Naphthalene	15.396	128	365112	48.48	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	169217	46.99	ug/l	99

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

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