

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069046.D
 Acq On : 03 May 2021 17:15
 Operator : VA/SY
 Sample : M2217-09MS
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HTRCV2-COMP-TS01-01MS

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 5:35:30 PM

Quant Time: May 04 04:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	30763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	60276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	53543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	16748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	36799	94.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 189.44%#			
35) Dibromofluoromethane	7.908	113	26111	65.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.02%			
50) Toluene-d8	10.338	98	76908	52.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.18%			
62) 4-Bromofluorobenzene	12.626	95	19003	38.13	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	18246	49.66	ug/l	93
3) Chloromethane	2.203	50	28977	63.07	ug/l	98
4) Vinyl Chloride	2.338	62	32250	56.23	ug/l	99
5) Bromomethane	2.762	94	22489	69.69	ug/l	100
6) Chloroethane	2.909	64	17594	51.65	ug/l	97
7) Trichlorofluoromethane	3.262	101	33705	52.16	ug/l	99
8) Diethyl Ether	3.709	74	16258	101.10	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	15278	43.42	ug/l	94
10) Methyl Iodide	4.297	142	13454	41.13	ug/l #	83
11) Tert butyl alcohol	5.220	59	27660	1316.55	ug/l	97
12) 1,1-Dichloroethene	4.062	96	17061	53.03	ug/l	97
13) Acrolein	3.932	56	677m	26.23	ug/l	
14) Allyl chloride	4.709	41	32151	75.24	ug/l #	88
15) Acrylonitrile	5.420	53	68582	956.18	ug/l	95
16) Acetone	4.162	43	65471	1063.48	ug/l	95
17) Carbon Disulfide	4.403	76	55273	51.62	ug/l #	94
18) Methyl Acetate	4.720	43	122417	756.24	ug/l	90
19) Methyl tert-butyl Ether	5.479	73	80991	108.35	ug/l	95
20) Methylene Chloride	4.962	84	32824	88.71	ug/l #	89
21) trans-1,2-Dichloroethene	5.473	96	22015	57.76	ug/l	88
22) Diisopropyl ether	6.373	45	64578	68.08	ug/l #	98
24) 1,1-Dichloroethane	6.267	63	42778	65.46	ug/l	99
25) 2-Butanone	7.214	43	84322	972.23	ug/l	91
26) 2,2-Dichloropropane	7.209	77	31688	52.89	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	27009	65.96	ug/l	91
28) Bromochloromethane	7.544	49	24645	90.21	ug/l	86
29) Tetrahydrofuran	7.567	42	55489	1005.14	ug/l	91
30) Chloroform	7.708	83	49976	69.89	ug/l	95
31) Cyclohexane	7.985	56	17859	31.24	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	33462	51.25	ug/l	95
36) 1,1-Dichloropropene	8.108	75	25533	42.59	ug/l	97
37) Ethyl Acetate	7.291	43	9685	41.56	ug/l	95
38) Carbon Tetrachloride	8.091	117	27041	42.02	ug/l	96
39) Methylcyclohexane	9.350	83	11616	17.03	ug/l	96
40) Benzene	8.350	78	96153	56.14	ug/l	94
41) Methacrylonitrile	7.526	41	20749m	154.72	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.420	62	45828	84.52	ug/l	94
43) Isopropyl Acetate	8.450	43	25027	55.51	ug/l	95
44) Trichloroethene	9.114	130	20699	46.50	ug/l	78
45) 1,2-Dichloropropane	9.385	63	26176	62.11	ug/l	98
46) Dibromomethane	9.473	93	23057	93.96	ug/l	94
47) Bromodichloromethane	9.661	83	42696	65.68	ug/l	98
48) Methyl methacrylate	9.461	41	35088	154.58	ug/l	84
49) 1,4-Dioxane	9.461	88	11156	3842.74	ug/l	97
51) 4-Methyl-2-Pentanone	10.226	43	182746	792.95	ug/l	91
52) Toluene	10.402	92	52576	48.44	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	40366	70.51	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	43478	66.14	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	28485	87.79	ug/l	97
56) Ethyl methacrylate	10.661	69	14887	41.55	ug/l #	73
57) 1,3-Dichloropropane	10.944	76	48073	85.87	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	104572	543.73	ug/l	96
59) 2-Hexanone	10.985	43	119670	765.61	ug/l	92
60) Dibromochloromethane	11.132	129	30920	73.68	ug/l	96
61) 1,2-Dibromoethane	11.244	107	31006	99.09	ug/l	98
64) Tetrachloroethene	10.873	164	12940	39.25	ug/l #	89
65) Chlorobenzene	11.667	112	51013	47.28	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.744	131	23084	56.18	ug/l	96
67) Ethyl Benzene	11.744	91	71482	37.01	ug/l	98
68) m/p-Xylenes	11.849	106	52162	72.09	ug/l	93
69) o-Xylene	12.179	106	26760	40.81	ug/l	92
70) Styrene	12.191	104	47372	41.03	ug/l	96
71) Bromoform	12.361	173	19549	93.56	ug/l #	97
73) Isopropylbenzene	12.473	105	52779	45.51	ug/l	99
74) N-amyl acetate	12.285	43	1596	6.31	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.726	83	39679	177.31	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	31494m	196.98	ug/l	
77) Bromobenzene	12.761	156	19081	71.92	ug/l	61
78) n-propylbenzene	12.814	91	55524	39.16	ug/l	99
79) 2-Chlorotoluene	12.902	91	39059	49.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	40929	41.58	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	11251	166.59	ug/l #	84
82) 4-Chlorotoluene	12.996	91	41207	48.23	ug/l	97
83) tert-Butylbenzene	13.214	119	32062	39.36	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	41609	41.65	ug/l	94
85) sec-Butylbenzene	13.396	105	33312	28.50	ug/l	99
86) p-Isopropyltoluene	13.508	119	28810	27.05	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	24384	45.22	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	23854	44.57	ug/l	91
89) n-Butylbenzene	13.838	91	21105	20.65	ug/l	92
90) Hexachloroethane	14.102	117	7875	36.40	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	22658	48.89	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.496	75	7825	206.63	ug/l	78
93) 1,2,4-Trichlorobenzene	15.149	180	7080	24.98	ug/l	97
94) Hexachlorobutadiene	15.267	225	2841	17.80	ug/l	83
95) Naphthalene	15.390	128	31248	58.55	ug/l	97
96) 1,2,3-Trichlorobenzene	15.585	180	6944	28.14	ug/l	90

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

