

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075617.D
 Acq On : 10 Apr 2023 20:20
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041023

Quant Time: Apr 12 09:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 09:55:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	218028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	377933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	181671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	92802	51.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.805	113	113923	51.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.269	98	437001	50.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.575	95	133026	52.048	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	71756	46.585	ug/l	96
3) Chloromethane	2.146	50	128699	48.048	ug/l	100
4) Vinyl Chloride	2.281	62	180219	48.059	ug/l	100
5) Bromomethane	2.693	94	145103	48.593	ug/l	98
6) Chloroethane	2.834	64	127749	48.565	ug/l	100
7) Trichlorofluoromethane	3.181	101	155103	48.487	ug/l	97
8) Diethyl Ether	3.593	74	54072	54.728	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.970	101	104035	49.409	ug/l	95
10) Methyl Iodide	4.164	142	134859	53.566	ug/l	90
11) Tert butyl alcohol	5.058	59	22439	265.366	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	102279	50.607	ug/l	88
13) Acrolein	3.799	56	31644	269.122	ug/l	100
14) Allyl chloride	4.558	41	94178	51.633	ug/l #	82
15) Acrylonitrile	5.258	53	105621	278.968	ug/l	96
16) Acetone	4.022	43	94176	288.971	ug/l #	82
17) Carbon Disulfide	4.269	76	254957	48.740	ug/l	95
18) Methyl Acetate	4.569	43	53547	54.441	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	237577	55.620	ug/l	93
20) Methylene Chloride	4.799	84	179329	68.592	ug/l #	72
21) trans-1,2-Dichloroethene	5.311	96	120671	50.583	ug/l #	73
22) Diisopropyl ether	6.216	45	245010	54.759	ug/l #	88
23) Vinyl Acetate	6.158	43	610265	290.600	ug/l #	85
24) 1,1-Dichloroethane	6.116	63	184217	49.857	ug/l	96
25) 2-Butanone	7.081	43	117439	277.669	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	163657	48.283	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	143924	51.239	ug/l	81
28) Bromochloromethane	7.428	49	66674	52.813	ug/l #	49
29) Tetrahydrofuran	7.446	42	63754	284.650	ug/l #	51
30) Chloroform	7.599	83	216870	51.594	ug/l	100
31) Cyclohexane	7.881	56	121288	46.610	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	175073	50.048	ug/l	96
36) 1,1-Dichloropropene	8.010	75	148053	52.339	ug/l	94
37) Ethyl Acetate	7.169	43	46857	55.096	ug/l #	72
38) Carbon Tetrachloride	7.993	117	142382	52.487	ug/l	98
39) Methylcyclohexane	9.275	83	170902	50.738	ug/l	90
40) Benzene	8.252	78	477161	52.350	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25257	54.229	ug/l #	62
42) 1,2-Dichloroethane	8.328	62	115812	54.685	ug/l	91
43) Isopropyl Acetate	8.363	43	94644	58.296	ug/l #	80
44) Trichloroethene	9.028	130	131983	49.435	ug/l	93
45) 1,2-Dichloropropane	9.305	63	110665	52.046	ug/l	95
46) Dibromomethane	9.393	93	71961	54.508	ug/l	95
47) Bromodichloromethane	9.587	83	168737	52.852	ug/l	96
48) Methyl methacrylate	9.381	41	40497	55.042	ug/l #	57
49) 1,4-Dioxane	9.387	88	13131	1097.222	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	246914	282.522	ug/l #	76
52) Toluene	10.334	92	317475	51.571	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	156694	54.147	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	186099	52.890	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	104300	53.573	ug/l	94
56) Ethyl methacrylate	10.599	69	105293	56.111	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	156353	53.337	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	253251	279.134	ug/l #	85
59) 2-Hexanone	10.922	43	180050	292.432	ug/l	71
60) Dibromochloromethane	11.075	129	122203	52.573	ug/l	97
61) 1,2-Dibromoethane	11.181	107	97644	52.476	ug/l	98
64) Tetrachloroethene	10.810	164	110742	51.831	ug/l	96
65) Chlorobenzene	11.604	112	351394	50.961	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	127179	52.156	ug/l	97
67) Ethyl Benzene	11.687	91	594730	52.276	ug/l	96
68) m/p-Xylenes	11.793	106	497716	106.216	ug/l	90
69) o-Xylene	12.122	106	231360	54.845	ug/l	92
70) Styrene	12.134	104	409239	56.568	ug/l	93
71) Bromoform	12.298	173	72722	57.700	ug/l #	100
73) Isopropylbenzene	12.422	105	584943	51.886	ug/l	98
74) N-amyl acetate	12.234	43	87277	55.199	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	111403	52.830	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	57689m	40.575	ug/l	
77) Bromobenzene	12.704	156	145206	51.029	ug/l	89
78) n-propylbenzene	12.763	91	703845	51.926	ug/l	97
79) 2-Chlorotoluene	12.851	91	386848	51.602	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	483294	52.345	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32284	52.041	ug/l #	73
82) 4-Chlorotoluene	12.946	91	409205	52.619	ug/l	93
83) tert-Butylbenzene	13.169	119	419668	52.350	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	491072	52.669	ug/l	96
85) sec-Butylbenzene	13.345	105	635403	51.866	ug/l	98
86) p-Isopropyltoluene	13.463	119	533817	51.837	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	303125	51.013	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	294610	50.132	ug/l	97
89) n-Butylbenzene	13.787	91	485222	51.823	ug/l	98
90) Hexachloroethane	14.051	117	99511	51.084	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	260129	50.787	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14358	54.432	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	147520	54.303	ug/l	98
94) Hexachlorobutadiene	15.204	225	65904	51.215	ug/l	97
95) Naphthalene	15.334	128	297796	57.733	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	130829	54.355	ug/l	99

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

