

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075619.D
 Acq On : 11 Apr 2023 12:14
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD041123

Quant Time: Apr 12 10:38:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	212299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	360872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	406511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	172273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86018	49.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.780%
35) Dibromofluoromethane	7.805	113	108915	51.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.269	98	422808	50.968	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.575	95	127996	52.447	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67841	45.232	ug/l	98
3) Chloromethane	2.152	50	121028	46.403	ug/l	97
4) Vinyl Chloride	2.287	62	171220	46.892	ug/l	95
5) Bromomethane	2.693	94	137808	47.395	ug/l	97
6) Chloroethane	2.840	64	124683	48.678	ug/l	92
7) Trichlorofluoromethane	3.175	101	149686	48.056	ug/l	99
8) Diethyl Ether	3.599	74	47498	49.372	ug/l	66
9) 1,1,2-Trichlorotrifluo...	3.969	101	100232	48.887	ug/l	93
10) Methyl Iodide	4.164	142	130178	53.102	ug/l	91
11) Tert butyl alcohol	5.046	59	22079m	268.155	ug/l	
12) 1,1-Dichloroethene	3.946	96	95409	48.482	ug/l	87
13) Acrolein	3.799	56	28861	250.128	ug/l	93
14) Allyl chloride	4.564	41	90009	50.679	ug/l #	82
15) Acrylonitrile	5.263	53	95867	260.039	ug/l	96
16) Acetone	4.022	43	87704	276.374	ug/l #	74
17) Carbon Disulfide	4.269	76	236590	46.449	ug/l	97
18) Methyl Acetate	4.575	43	47858	49.970	ug/l #	67
19) Methyl tert-butyl Ether	5.316	73	207900	49.985	ug/l	95
20) Methylene Chloride	4.805	84	134159	50.032	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	111669	48.073	ug/l #	76
22) Diisopropyl ether	6.216	45	219903	50.474	ug/l #	89
23) Vinyl Acetate	6.158	43	545335	258.068	ug/l #	83
24) 1,1-Dichloroethane	6.110	63	176666	49.104	ug/l	97
25) 2-Butanone	7.081	43	110565	268.471	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	162112	49.118	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	134226	49.076	ug/l	81
28) Bromochloromethane	7.428	49	62010	50.444	ug/l #	44
29) Tetrahydrofuran	7.446	42	58459	268.052	ug/l #	54
30) Chloroform	7.593	83	203416	49.699	ug/l	94
31) Cyclohexane	7.875	56	116397	45.938	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	170248	49.982	ug/l	95
36) 1,1-Dichloropropene	8.010	75	139062	51.485	ug/l	92
37) Ethyl Acetate	7.169	43	43744	53.867	ug/l #	80
38) Carbon Tetrachloride	7.993	117	135264	52.221	ug/l	98
39) Methylcyclohexane	9.275	83	158752	49.359	ug/l #	87
40) Benzene	8.252	78	456364	52.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22470	49.160	ug/l #	61
42) 1,2-Dichloroethane	8.328	62	104511	51.681	ug/l	91
43) Isopropyl Acetate	8.363	43	85047	54.861	ug/l #	78
44) Trichloroethene	9.028	130	124774	48.945	ug/l	96
45) 1,2-Dichloropropane	9.304	63	102254	50.364	ug/l	95
46) Dibromomethane	9.393	93	65422	51.897	ug/l	97
47) Bromodichloromethane	9.587	83	154460	50.668	ug/l	96
48) Methyl methacrylate	9.381	41	38392	54.648	ug/l #	60
49) 1,4-Dioxane	9.387	88	13424	1174.736	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	222508	266.633	ug/l #	78
52) Toluene	10.334	92	302607	51.479	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	141602	51.245	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	170302	50.688	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	94427	50.795	ug/l	92
56) Ethyl methacrylate	10.598	69	93677	52.281	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	142691	50.978	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	224655	259.322	ug/l #	86
59) 2-Hexanone	10.922	43	162970	277.205	ug/l	71
60) Dibromochloromethane	11.075	129	112044	50.481	ug/l	100
61) 1,2-Dibromoethane	11.181	107	95836	53.940	ug/l	95
64) Tetrachloroethene	10.810	164	102249	41.819	ug/l	95
65) Chlorobenzene	11.610	112	378313	47.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	135436	48.535	ug/l	96
67) Ethyl Benzene	11.687	91	625308	48.030	ug/l	95
68) m/p-Xylenes	11.793	106	508558	94.838	ug/l	89
69) o-Xylene	12.122	106	217515	45.058	ug/l	90
70) Styrene	12.134	104	378750	45.749	ug/l	93
71) Bromoform	12.298	173	63763	44.209	ug/l #	98
73) Isopropylbenzene	12.422	105	548545	51.312	ug/l	99
74) N-amyl acetate	12.234	43	77342	51.584	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	101047	50.533	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	53961m	48.180	ug/l	
77) Bromobenzene	12.704	156	130662	48.422	ug/l	91
78) n-propylbenzene	12.763	91	670063	52.131	ug/l	98
79) 2-Chlorotoluene	12.851	91	362089	50.934	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	455302	52.003	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	31293	53.195	ug/l #	67
82) 4-Chlorotoluene	12.945	91	376405	51.042	ug/l	93
83) tert-Butylbenzene	13.169	119	389074	51.181	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	461009	52.142	ug/l	96
85) sec-Butylbenzene	13.345	105	597089	51.397	ug/l	97
86) p-Isopropyltoluene	13.463	119	511878	52.418	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	280168	49.722	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	274251	49.213	ug/l	98
89) n-Butylbenzene	13.787	91	462961	52.143	ug/l	99
90) Hexachloroethane	14.057	117	92723	50.196	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	239049	49.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12649	50.569	ug/l	71
93) 1,2,4-Trichlorobenzene	15.104	180	132761	51.536	ug/l	97
94) Hexachlorobutadiene	15.204	225	58963	48.321	ug/l	98
95) Naphthalene	15.334	128	257494	52.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	113926	49.914	ug/l	99

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

