

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075615.D
 Acq On : 10 Apr 2023 19:21
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 12 09:57:03 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	244428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	401797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	378423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	198341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	268515	133.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 267.820%#	
35) Dibromofluoromethane	7.804	113	360619	153.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 306.280%#	
50) Toluene-d8	10.269	98	1410160	152.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 305.360%#	
62) 4-Bromofluorobenzene	12.575	95	414144	152.414	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 304.820%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	229757	133.051	ug/l	97
3) Chloromethane	2.146	50	363654	121.100	ug/l	97
4) Vinyl Chloride	2.281	62	537297	127.806	ug/l	99
5) Bromomethane	2.675	94	460996	137.706	ug/l	98
6) Chloroethane	2.828	64	387811	131.505	ug/l	98
7) Trichlorofluoromethane	3.175	101	491780	137.131	ug/l	98
8) Diethyl Ether	3.593	74	157634	142.314	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.963	101	331779	140.551	ug/l	95
10) Methyl Iodide	4.158	142	441484	156.418	ug/l	90
11) Tert butyl alcohol	5.058	59	61417	647.875	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	328813	145.122	ug/l	86
13) Acrolein	3.793	56	91258	740.694	ug/l	96
14) Allyl chloride	4.563	41	294484	144.012	ug/l #	80
15) Acrylonitrile	5.252	53	283062	666.880	ug/l	98
16) Acetone	4.022	43	235785	645.344	ug/l #	79
17) Carbon Disulfide	4.269	76	803464	137.009	ug/l	99
18) Methyl Acetate	4.563	43	146583	132.934	ug/l #	68
19) Methyl tert-butyl Ether	5.316	73	686414	143.342	ug/l	97
20) Methylene Chloride	4.799	84	395105	145.914	ug/l #	72
21) trans-1,2-Dichloroethene	5.310	96	383018	143.214	ug/l #	74
22) Diisopropyl ether	6.216	45	700967	139.743	ug/l #	86
23) Vinyl Acetate	6.157	43	1756368	746.026	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	559218	135.002	ug/l #	96
25) 2-Butanone	7.081	43	315510	665.411	ug/l #	69
26) 2,2-Dichloropropane	7.075	77	522965	137.623	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	461563	146.576	ug/l	78
28) Bromochloromethane	7.428	49	186114	131.499	ug/l #	33
29) Tetrahydrofuran	7.446	42	174604	695.376	ug/l #	49
30) Chloroform	7.599	83	646222	137.133	ug/l	96
31) Cyclohexane	7.875	56	393041	134.730	ug/l #	76
32) 1,1,1-Trichloroethane	7.793	97	545809	139.177	ug/l	93
36) 1,1-Dichloropropene	8.010	75	462677	153.849	ug/l	92
37) Ethyl Acetate	7.169	43	133679	147.848	ug/l #	76
38) Carbon Tetrachloride	7.993	117	450327	156.148	ug/l	97
39) Methylcyclohexane	9.275	83	574971	160.562	ug/l #	86
40) Benzene	8.251	78	1456697	150.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	82099	165.804	ug/l #	73
42) 1,2-Dichloroethane	8.328	62	316527	140.582	ug/l	89
43) Isopropyl Acetate	8.363	43	259448	150.316	ug/l #	77
44) Trichloroethene	9.028	130	423461	149.190	ug/l	91
45) 1,2-Dichloropropane	9.304	63	323904	143.284	ug/l	92
46) Dibromomethane	9.393	93	204724	145.860	ug/l	94
47) Bromodichloromethane	9.587	83	490342	144.464	ug/l	97
48) Methyl methacrylate	9.381	41	120222	153.697	ug/l #	57
49) 1,4-Dioxane	9.387	88	37221	2925.451	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	672977	724.295	ug/l #	76
52) Toluene	10.334	92	979855	149.714	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	456300	148.314	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	563338	150.593	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	293828	141.960	ug/l	93
56) Ethyl methacrylate	10.598	69	310305	155.541	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	447445	143.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	748689	776.195	ug/l #	84
59) 2-Hexanone	10.922	43	474955	725.593	ug/l	68
60) Dibromochloromethane	11.075	129	358837	145.205	ug/l	99
61) 1,2-Dibromoethane	11.181	107	278061	140.562	ug/l	97
64) Tetrachloroethene	10.810	164	353784	155.434	ug/l	98
65) Chlorobenzene	11.610	112	1092834	148.774	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	392010	150.909	ug/l	96
67) Ethyl Benzene	11.687	91	1884625	155.502	ug/l	93
68) m/p-Xylenes	11.792	106	1556649	311.837	ug/l	88
69) o-Xylene	12.122	106	731992	162.887	ug/l	89
70) Styrene	12.134	104	1236795	160.479	ug/l	93
71) Bromoform	12.298	173	208316	155.154	ug/l #	99
73) Isopropylbenzene	12.422	105	1829324	148.629	ug/l	97
74) N-amyl acetate	12.234	43	238133	137.951	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	300983	130.738	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	160664m	103.504	ug/l	
77) Bromobenzene	12.704	156	456235	146.856	ug/l	83
78) n-propylbenzene	12.763	91	2132433	144.099	ug/l	95
79) 2-Chlorotoluene	12.851	91	1156044	141.245	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	1478897	146.714	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	90928	134.254	ug/l #	70
82) 4-Chlorotoluene	12.945	91	1172924	138.148	ug/l	90
83) tert-Butylbenzene	13.169	119	1330236	151.988	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	1485884	145.971	ug/l	94
85) sec-Butylbenzene	13.345	105	1944365	145.373	ug/l	96
86) p-Isopropyltoluene	13.463	119	1726759	153.585	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	956015	147.367	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	933757	145.537	ug/l	96
89) n-Butylbenzene	13.786	91	1602827	156.799	ug/l	97
90) Hexachloroethane	14.057	117	316938	149.026	ug/l	85
91) 1,2-Dichlorobenzene	13.834	146	854877	152.876	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	37360	129.730	ug/l	59
93) 1,2,4-Trichlorobenzene	15.098	180	474323	159.927	ug/l	98
94) Hexachlorobutadiene	15.204	225	216376	154.018	ug/l	98
95) Naphthalene	15.333	128	926420	164.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	406755	154.789	ug/l	99

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

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