

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031323\
 Data File : VD075510.D
 Acq On : 13 Mar 2023 16:26
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 06:00:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	172315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90221	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56260	53.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.811	113	72344	56.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.500%	
50) Toluene-d8	10.269	98	293661	57.800	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.600%	
62) 4-Bromofluorobenzene	12.575	95	82341	56.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	50511	43.553	ug/l	96
3) Chloromethane	2.152	50	85163	48.842	ug/l	100
4) Vinyl Chloride	2.287	62	128295	45.966	ug/l	98
5) Bromomethane	2.699	94	97346	44.520	ug/l	98
6) Chloroethane	2.840	64	86358	46.193	ug/l	96
7) Trichlorofluoromethane	3.181	101	104783	46.580	ug/l	95
8) Diethyl Ether	3.593	74	28902	48.129	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.970	101	68398	46.730	ug/l	95
10) Methyl Iodide	4.164	142	81120	46.455	ug/l	92
11) Tert butyl alcohol	5.052	59	12142	249.170	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	66921	46.296	ug/l	85
13) Acrolein	3.799	56	20193	208.253	ug/l	100
14) Allyl chloride	4.564	41	57117	45.925	ug/l #	82
15) Acrylonitrile	5.258	53	50782	230.614	ug/l	98
16) Acetone	4.017	43	47029	263.718	ug/l #	82
17) Carbon Disulfide	4.275	76	198290	45.466	ug/l	99
18) Methyl Acetate	4.569	43	26145	46.798	ug/l #	69
19) Methyl tert-butyl Ether	5.317	73	120364	48.016	ug/l	95
20) Methylene Chloride	4.805	84	78369	52.458	ug/l #	72
21) trans-1,2-Dichloroethene	5.317	96	77169	46.961	ug/l #	76
22) Diisopropyl ether	6.216	45	130255	48.320	ug/l #	88
23) Vinyl Acetate	6.158	43	313696	239.787	ug/l #	84
24) 1,1-Dichloroethane	6.111	63	109549	46.918	ug/l	95
25) 2-Butanone	7.081	43	59132	240.306	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	101218	47.131	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	82954	47.109	ug/l	81
28) Bromochloromethane	7.422	49	36950	49.087	ug/l #	40
29) Tetrahydrofuran	7.446	42	31968	238.700	ug/l #	50
30) Chloroform	7.593	83	122475	47.229	ug/l	97
31) Cyclohexane	7.875	56	86031	45.769	ug/l #	76
32) 1,1,1-Trichloroethane	7.799	97	107299	47.189	ug/l	94
36) 1,1-Dichloropropene	8.010	75	94835	49.757	ug/l	93
37) Ethyl Acetate	7.169	43	24558	49.452	ug/l #	78
38) Carbon Tetrachloride	7.993	117	90903	49.776	ug/l	95
39) Methylcyclohexane	9.275	83	118950	49.500	ug/l #	87
40) Benzene	8.252	78	280398	49.090	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11232m	42.922	ug/l	
42) 1,2-Dichloroethane	8.328	62	61191	48.668	ug/l	90
43) Isopropyl Acetate	8.363	43	46303	50.389	ug/l #	78
44) Trichloroethene	9.028	130	81180	48.358	ug/l	91
45) 1,2-Dichloropropane	9.305	63	61797	50.327	ug/l	95
46) Dibromomethane	9.393	93	37884	50.058	ug/l	94
47) Bromodichloromethane	9.587	83	91946	50.173	ug/l	100
48) Methyl methacrylate	9.381	41	21683	50.229	ug/l #	59
49) 1,4-Dioxane	9.387	88	6992	1018.459	ug/l #	72
51) 4-Methyl-2-Pentanone	10.163	43	124756	261.057	ug/l #	77
52) Toluene	10.334	92	188644	50.966	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	83284	50.520	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	100086	49.436	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	53759	50.178	ug/l	93
56) Ethyl methacrylate	10.599	69	54032	52.969	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	83190	50.456	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	136145	272.710	ug/l #	85
59) 2-Hexanone	10.922	43	92359	273.288	ug/l	70
60) Dibromochloromethane	11.081	129	66310	52.386	ug/l	98
61) 1,2-Dibromoethane	11.181	107	52196	51.731	ug/l	99
64) Tetrachloroethene	10.810	164	67665	49.758	ug/l	94
65) Chlorobenzene	11.610	112	200372	49.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	70455	50.324	ug/l	95
67) Ethyl Benzene	11.687	91	353632	50.246	ug/l	97
68) m/p-Xylenes	11.799	106	296177	104.703	ug/l	90
69) o-Xylene	12.122	106	132819	50.558	ug/l	95
70) Styrene	12.140	104	235065	53.792	ug/l	93
71) Bromoform	12.304	173	38710	54.148	ug/l #	98
73) Isopropylbenzene	12.428	105	350121	48.459	ug/l	98
74) N-amyl acetate	12.240	43	44025	49.190	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	59299	48.393	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	36745m	49.659	ug/l	
77) Bromobenzene	12.704	156	80751	47.012	ug/l	88
78) n-propylbenzene	12.769	91	422727	48.152	ug/l	97
79) 2-Chlorotoluene	12.851	91	225310	47.363	ug/l	92
80) 1,3,5-Trimethylbenzene	12.910	105	285720	48.225	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	17232	48.985	ug/l #	72
82) 4-Chlorotoluene	12.951	91	233530	47.573	ug/l	92
83) tert-Butylbenzene	13.169	119	259614	50.417	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	287428	50.197	ug/l	95
85) sec-Butylbenzene	13.351	105	387161	48.567	ug/l	98
86) p-Isopropyltoluene	13.463	119	322922	49.573	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	172388	48.552	ug/l	96
88) 1,4-Dichlorobenzene	13.545	146	166044	47.275	ug/l	98
89) n-Butylbenzene	13.793	91	297394	49.781	ug/l	98
90) Hexachloroethane	14.057	117	60790	48.329	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	145304	48.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7606	49.324	ug/l	68
93) 1,2,4-Trichlorobenzene	15.104	180	81029	46.244	ug/l	98
94) Hexachlorobutadiene	15.210	225	40160	48.055	ug/l	97
95) Naphthalene	15.334	128	152744	47.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	70675	46.745	ug/l	98

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

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