

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080512.D
 Acq On : 04 Sep 2025 13:09
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 05 03:45:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	369903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	655152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	577706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	271985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	182147	43.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.300%
35) Dibromofluoromethane	7.806	113	189667	47.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.420%
50) Toluene-d8	10.270	98	755462	47.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.570	95	234063	47.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	131928	41.891	ug/l	98
3) Chloromethane	2.147	50	225933	45.446	ug/l	97
4) Vinyl Chloride	2.288	62	247667	48.271	ug/l	99
5) Bromomethane	2.694	94	132422	45.926	ug/l	99
6) Chloroethane	2.841	64	163837	48.922	ug/l	99
7) Trichlorofluoromethane	3.176	101	287520	48.115	ug/l	97
8) Diethyl Ether	3.594	74	109325	46.169	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.965	101	185060	47.728	ug/l	99
10) Methyl Iodide	4.159	142	213633	47.726	ug/l	100
11) Tert butyl alcohol	5.059	59	69042	228.610	ug/l	100
12) 1,1-Dichloroethene	3.941	96	190569	47.177	ug/l	93
13) Acrolein	3.800	56	48192	150.141	ug/l	99
14) Allyl chloride	4.559	41	320791	45.762	ug/l	98
15) Acrylonitrile	5.253	53	248197	235.362	ug/l	97
16) Acetone	4.023	43	224281	229.558	ug/l	99
17) Carbon Disulfide	4.271	76	627636	45.949	ug/l	99
18) Methyl Acetate	4.565	43	129877	47.237	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	508250	47.947	ug/l	100
20) Methylene Chloride	4.806	84	241419	44.982	ug/l	97
21) trans-1,2-Dichloroethene	5.312	96	218273	47.201	ug/l	99
22) Diisopropyl ether	6.217	45	682271	47.288	ug/l	99
23) Vinyl Acetate	6.159	43	1957319	238.398	ug/l	98
24) 1,1-Dichloroethane	6.112	63	394796	47.270	ug/l	99
25) 2-Butanone	7.082	43	323583	233.900	ug/l	95
26) 2,2-Dichloropropane	7.076	77	312757	47.296	ug/l	100
27) cis-1,2-Dichloroethene	7.082	96	263527	47.750	ug/l	99
28) Bromochloromethane	7.429	49	162348	47.699	ug/l	98
29) Tetrahydrofuran	7.447	42	209922	240.128	ug/l	99
30) Chloroform	7.594	83	388526	48.652	ug/l	97
31) Cyclohexane	7.882	56	350870	44.883	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	321064	48.285	ug/l	100
36) 1,1-Dichloropropene	8.011	75	283796	49.432	ug/l	98
37) Ethyl Acetate	7.170	43	137140	49.675	ug/l	97
38) Carbon Tetrachloride	7.994	117	279831	51.212	ug/l	97
39) Methylcyclohexane	9.276	83	376056	49.211	ug/l	98
40) Benzene	8.253	78	895222	48.995	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	72302	44.111	ug/l	92
42) 1,2-Dichloroethane	8.329	62	223259	50.446	ug/l	100
43) Isopropyl Acetate	8.359	43	275872	49.113	ug/l	100
44) Trichloroethene	9.029	130	223718	50.469	ug/l	98
45) 1,2-Dichloropropane	9.306	63	218085	48.128	ug/l	98
46) Dibromomethane	9.394	93	122676	50.532	ug/l	97
47) Bromodichloromethane	9.582	83	300296	50.740	ug/l	99
48) Methyl methacrylate	9.376	41	138141	49.609	ug/l	98
49) 1,4-Dioxane	9.382	88	31330	1043.882	ug/l	94
51) 4-Methyl-2-Pentanone	10.158	43	697519	248.994	ug/l	100
52) Toluene	10.335	92	568369	49.880	ug/l	99
53) t-1,3-Dichloropropene	10.553	75	299887	49.719	ug/l	97
54) cis-1,3-Dichloropropene	10.017	75	354762	49.183	ug/l	97
55) 1,1,2-Trichloroethane	10.729	97	163153	50.125	ug/l	98
56) Ethyl methacrylate	10.594	69	225818	49.795	ug/l	97
57) 1,3-Dichloropropane	10.876	76	287192	50.274	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.870	63	449580	256.179	ug/l	100
59) 2-Hexanone	10.917	43	490206	246.282	ug/l	99
60) Dibromochloromethane	11.070	129	210317	51.271	ug/l	99
61) 1,2-Dibromoethane	11.176	107	159656	51.550	ug/l	100
64) Tetrachloroethene	10.811	164	181777	50.951	ug/l	97
65) Chlorobenzene	11.605	112	609238	49.488	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.682	131	201066	51.205	ug/l	99
67) Ethyl Benzene	11.682	91	1068611	50.151	ug/l	99
68) m/p-Xylenes	11.794	106	819250	99.855	ug/l	98
69) o-Xylene	12.117	106	391759	50.038	ug/l	100
70) Styrene	12.135	104	673080	50.534	ug/l	99
71) Bromoform	12.299	173	115500	51.755	ug/l #	96
73) Isopropylbenzene	12.417	105	991419	49.751	ug/l	99
74) N-amyl acetate	12.229	43	260935	49.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.670	83	184720	49.858	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	112064m	50.484	ug/l	
77) Bromobenzene	12.699	156	230858	50.070	ug/l	99
78) n-propylbenzene	12.758	91	1198765	49.541	ug/l	100
79) 2-Chlorotoluene	12.847	91	675018	48.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	805978	49.774	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	70010	47.869	ug/l	99
82) 4-Chlorotoluene	12.947	91	695963	49.071	ug/l	98
83) tert-Butylbenzene	13.164	119	708238	50.411	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	809318	49.638	ug/l	98
85) sec-Butylbenzene	13.341	105	1050853	50.116	ug/l	100
86) p-Isopropyltoluene	13.458	119	876224	49.955	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	452463	50.897	ug/l	100
88) 1,4-Dichlorobenzene	13.535	146	447281	50.106	ug/l	99
89) n-Butylbenzene	13.782	91	827656	49.534	ug/l	99
90) Hexachloroethane	14.052	117	168080	49.542	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	395346	49.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.441	75	27637	49.708	ug/l	97
93) 1,2,4-Trichlorobenzene	15.093	180	248282	50.093	ug/l	99
94) Hexachlorobutadiene	15.199	225	113581	50.418	ug/l	99
95) Naphthalene	15.329	128	528420	50.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	215753	50.850	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080425\
Data File : VD080512.D
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Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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