

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053025\
 Data File : VD080395.D
 Acq On : 30 May 2025 09:25
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: May 31 00:39:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D053025S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 31 00:36:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/02/2025
 Supervised By :Semsettin Yesilyurt 06/02/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	114444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.782	114	198554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	180684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	94341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	14872	10.408	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.820%#		
35) Dibromofluoromethane	7.805	113	13624	10.557	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.120%#		
50) Toluene-d8	10.270	98	49099	9.456	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	18.920%#		
62) 4-Bromofluorobenzene	12.570	95	15286	9.617	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.240%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	14275	10.894	ug/l	83
3) Chloromethane	2.153	50	24671	11.038	ug/l	97
4) Vinyl Chloride	2.288	62	25747	10.312	ug/l	93
5) Bromomethane	2.694	94	20939	11.806	ug/l	95
6) Chloroethane	2.841	64	17394	10.238	ug/l	96
7) Trichlorofluoromethane	3.176	101	22510	9.811	ug/l	97
8) Diethyl Ether	3.600	74	5927	8.763	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.976	101	14505	10.444	ug/l	95
10) Methyl Iodide	4.170	142	12393	9.053	ug/l	96
11) Tert butyl alcohol	5.059	59	3610	43.801	ug/l #	71
12) 1,1-Dichloroethene	3.947	96	12710	9.592	ug/l	87
13) Acrolein	3.800	56	6112	42.888	ug/l	86
14) Allyl chloride	4.570	41	19235	8.808	ug/l	94
15) Acrylonitrile	5.253	53	16376	49.372	ug/l	98
16) Acetone	4.023	43	13111	48.991	ug/l	95
17) Carbon Disulfide	4.276	76	48367	10.151	ug/l	100
18) Methyl Acetate	4.570	43	9958	10.766	ug/l	98
19) Methyl tert-butyl Ether	5.323	73	28646	9.741	ug/l	91
20) Methylene Chloride	4.800	84	21099	11.487	ug/l	91
21) trans-1,2-Dichloroethene	5.317	96	15238	10.517	ug/l	92
22) Diisopropyl ether	6.217	45	43473	9.738	ug/l	94
23) Vinyl Acetate	6.158	43	119650	46.948	ug/l	98
24) 1,1-Dichloroethane	6.111	63	31231	11.243	ug/l	98
25) 2-Butanone	7.082	43	20149	50.278	ug/l	97
26) 2,2-Dichloropropane	7.088	77	23471	10.604	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	17103	10.309	ug/l	97
28) Bromochloromethane	7.429	49	14192	10.888	ug/l	94
29) Tetrahydrofuran	7.452	42	12332	45.754	ug/l	98
30) Chloroform	7.600	83	29961	10.654	ug/l	98
31) Cyclohexane	7.882	56	24640	9.919	ug/l #	93
32) 1,1,1-Trichloroethane	7.800	97	25041	10.637	ug/l	97
36) 1,1-Dichloropropene	8.005	75	19407	9.784	ug/l	99
37) Ethyl Acetate	7.170	43	10220	10.520	ug/l #	89
38) Carbon Tetrachloride	7.994	117	19939	9.922	ug/l #	91
39) Methylcyclohexane	9.276	83	22051	9.802	ug/l	96
40) Benzene	8.252	78	57132	9.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	4244	7.746	ug/l #	88
42) 1,2-Dichloroethane	8.323	62	16678	9.729	ug/l	98
43) Isopropyl Acetate	8.364	43	16854	9.380	ug/l #	59
44) Trichloroethene	9.035	130	13740	9.777	ug/l	90
45) 1,2-Dichloropropane	9.305	63	16443	10.695	ug/l #	89
46) Dibromomethane	9.394	93	8750	10.512	ug/l	99
47) Bromodichloromethane	9.588	83	22368	10.614	ug/l	99
48) Methyl methacrylate	9.388	41	7332	8.386	ug/l #	83
49) 1,4-Dioxane	9.388	88	1695	191.620	ug/l #	80
51) 4-Methyl-2-Pentanone	10.158	43	40723	42.945	ug/l	99
52) Toluene	10.335	92	32839	9.034	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	18198	9.361	ug/l	94
54) cis-1,3-Dichloropropene	10.017	75	20982	9.424	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	10870	9.765	ug/l	96
56) Ethyl methacrylate	10.599	69	12448	11.250	ug/l	93
57) 1,3-Dichloropropane	10.876	76	17345	9.120	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	22048	38.863	ug/l	99
59) 2-Hexanone	10.923	43	27287	42.524	ug/l	93
60) Dibromochloromethane	11.076	129	12456	9.175	ug/l	100
61) 1,2-Dibromoethane	11.182	107	8793	8.808	ug/l	89
64) Tetrachloroethene	10.811	164	10764	8.842	ug/l	93
65) Chlorobenzene	11.605	112	38676	9.766	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.682	131	13239	9.916	ug/l	98
67) Ethyl Benzene	11.682	91	61107	9.142	ug/l	98
68) m/p-Xylenes	11.793	106	45396	17.341	ug/l	99
69) o-Xylene	12.123	106	20102	8.249	ug/l	96
70) Styrene	12.135	104	36408	8.473	ug/l	99
71) Bromoform	12.299	173	6824	9.240	ug/l #	93
73) Isopropylbenzene	12.417	105	53775	8.294	ug/l	100
74) N-amyl acetate	12.229	43	14555	8.277	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	13049	9.521	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	9377m	9.664	ug/l	
77) Bromobenzene	12.699	156	13967	8.757	ug/l	97
78) n-propylbenzene	12.764	91	64045	7.945	ug/l	99
79) 2-Chlorotoluene	12.846	91	41059	8.843	ug/l	98
80) 1,3,5-Trimethylbenzene	12.899	105	43190	7.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	4082	8.406	ug/l	95
82) 4-Chlorotoluene	12.946	91	41177	8.312	ug/l	100
83) tert-Butylbenzene	13.164	119	40265	8.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	47682	8.856	ug/l	99
85) sec-Butylbenzene	13.346	105	63137	9.203	ug/l	99
86) p-Isopropyltoluene	13.458	119	50488	8.757	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	31018	9.490	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	31477	9.634	ug/l	98
89) n-Butylbenzene	13.787	91	46707	7.993	ug/l	96
90) Hexachloroethane	14.052	117	11819	9.244	ug/l	97
91) 1,2-Dichlorobenzene	13.829	146	24224	8.577	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.452	75	1617	7.243	ug/l	94
93) 1,2,4-Trichlorobenzene	15.093	180	12271	8.604	ug/l	92
94) Hexachlorobutadiene	15.199	225	6654	7.133	ug/l	94
95) Naphthalene	15.329	128	21640	9.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.523	180	10880	8.214	ug/l	99

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

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