

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080472.D
 Acq On : 26 Jun 2025 09:51
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

06/27/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jun 27 04:57:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 04:51:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	521598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	941653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.576	117	815401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	372543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	20029	3.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	7.840%#
35) Dibromofluoromethane	7.805	113	20304	3.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	7.700%#
50) Toluene-d8	10.264	98	84408	3.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	7.920%#
62) 4-Bromofluorobenzene	12.570	95	28905	4.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.280%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	24197	5.218	ug/l	99
3) Chloromethane	2.147	50	32048	4.949	ug/l	96
4) Vinyl Chloride	2.288	62	31627	4.814	ug/l	99
5) Bromomethane	2.694	94	19874	5.474	ug/l	96
6) Chloroethane	2.841	64	19525	4.735	ug/l	96
7) Trichlorofluoromethane	3.182	101	41062	4.969	ug/l	98
8) Diethyl Ether	3.588	74	15025	4.670	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.970	101	27480	5.026	ug/l	96
10) Methyl Iodide	4.170	142	26447	4.108	ug/l	99
11) Tert butyl alcohol	5.059	59	9487	22.786	ug/l #	87
12) 1,1-Dichloroethene	3.935	96	29631	5.020	ug/l	86
13) Acrolein	3.794	56	15365	27.081	ug/l	87
14) Allyl chloride	4.559	41	50474m	4.883	ug/l	
15) Acrylonitrile	5.258	53	36583	23.901	ug/l	96
16) Acetone	4.017	43	36181	27.385	ug/l	97
17) Carbon Disulfide	4.276	76	87870	4.714	ug/l	96
18) Methyl Acetate	4.564	43	18626	4.635	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	68590	4.675	ug/l	98
20) Methylene Chloride	4.806	84	56094	4.949	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	32869	4.992	ug/l	84
22) Diisopropyl ether	6.211	45	97685	4.895	ug/l	99
23) Vinyl Acetate	6.158	43	267199	23.496	ug/l	97
24) 1,1-Dichloroethane	6.111	63	57178	4.883	ug/l	94
25) 2-Butanone	7.082	43	47682	24.589	ug/l	98
26) 2,2-Dichloropropane	7.076	77	46378	5.005	ug/l	97
27) cis-1,2-Dichloroethene	7.076	96	38406	4.879	ug/l	99
28) Bromochloromethane	7.423	49	23334	5.054	ug/l	99
29) Tetrahydrofuran	7.447	42	28967	23.711	ug/l	96
30) Chloroform	7.600	83	55425	4.944	ug/l	97
31) Cyclohexane	7.876	56	64110	5.650	ug/l #	88
32) 1,1,1-Trichloroethane	7.788	97	45907	4.898	ug/l	98
36) 1,1-Dichloropropene	8.011	75	41427	5.031	ug/l	98
37) Ethyl Acetate	7.170	43	19716m	4.942	ug/l	
38) Carbon Tetrachloride	7.994	117	39528	5.024	ug/l	93
39) Methylcyclohexane	9.276	83	57782	5.096	ug/l	96
40) Benzene	8.247	78	130675	4.944	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	13022m	5.090	ug/l	
42) 1,2-Dichloroethane	8.323	62	29964	4.819	ug/l	93
43) Isopropyl Acetate	8.364	43	36858	4.679	ug/l #	88
44) Trichloroethene	9.029	130	32039	5.002	ug/l	94
45) 1,2-Dichloropropane	9.299	63	31087	4.850	ug/l	98
46) Dibromomethane	9.394	93	16601	4.857	ug/l	97
47) Bromodichloromethane	9.582	83	41628	4.913	ug/l	99
48) Methyl methacrylate	9.382	41	18171	4.560	ug/l	97
49) 1,4-Dioxane	9.382	88	4523	102.012	ug/l	97
51) 4-Methyl-2-Pentanone	10.158	43	95590	23.897	ug/l	99
52) Toluene	10.329	92	83031	5.026	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	40470	4.769	ug/l	100
54) cis-1,3-Dichloropropene	10.017	75	49113	4.817	ug/l	97
55) 1,1,2-Trichloroethane	10.729	97	23522	5.049	ug/l	95
56) Ethyl methacrylate	10.599	69	32981	4.959	ug/l	96
57) 1,3-Dichloropropane	10.876	76	39700	4.870	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	61845	24.349	ug/l	99
59) 2-Hexanone	10.917	43	69925	24.700	ug/l	100
60) Dibromochloromethane	11.070	129	28858	5.018	ug/l	97
61) 1,2-Dibromoethane	11.176	107	21170	4.752	ug/l	98
64) Tetrachloroethene	10.811	164	25423	5.023	ug/l	86
65) Chlorobenzene	11.605	112	88527	5.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.682	131	27138	4.910	ug/l	96
67) Ethyl Benzene	11.682	91	153810	5.000	ug/l	96
68) m/p-Xylenes	11.788	106	115534	9.864	ug/l	99
69) o-Xylene	12.117	106	57688	5.104	ug/l	97
70) Styrene	12.135	104	93921	4.913	ug/l	99
71) Bromoform	12.293	173	15495	4.922	ug/l #	96
73) Isopropylbenzene	12.417	105	143566	4.957	ug/l	100
74) N-amyl acetate	12.229	43	36693	4.839	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.670	83	25559	4.740	ug/l	96
76) 1,2,3-Trichloropropane	12.717	75	15133m	4.741	ug/l	
77) Bromobenzene	12.693	156	30793	4.755	ug/l	98
78) n-propylbenzene	12.758	91	174106	4.994	ug/l	98
79) 2-Chlorotoluene	12.846	91	99799	4.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.899	105	117531	5.005	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	10265	4.817	ug/l	99
82) 4-Chlorotoluene	12.940	91	102503	4.977	ug/l	98
83) tert-Butylbenzene	13.164	119	102099	4.970	ug/l	97
84) 1,2,4-Trimethylbenzene	13.205	105	116429	4.966	ug/l	98
85) sec-Butylbenzene	13.340	105	151267	4.986	ug/l	99
86) p-Isopropyltoluene	13.458	119	127914	5.095	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	62498	4.990	ug/l	99
88) 1,4-Dichlorobenzene	13.535	146	62323	4.985	ug/l	93
89) n-Butylbenzene	13.782	91	122159	5.070	ug/l	98
90) Hexachloroethane	14.046	117	24656	5.083	ug/l	93
91) 1,2-Dichlorobenzene	13.829	146	54906	4.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	4076	5.012	ug/l	88
93) 1,2,4-Trichlorobenzene	15.093	180	34093	4.935	ug/l	99
94) Hexachlorobutadiene	15.199	225	16032	5.027	ug/l	95
95) Naphthalene	15.323	128	74512	4.854	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	28518	4.801	ug/l	94

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Instrument :
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ClientSampleId :
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Yesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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