

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080295.D
 Acq On : 06 May 2025 15:47
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: May 07 03:20:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	139318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	225815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	216179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	117290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	253451	140.680	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 281.360%#			
35) Dibromofluoromethane	7.805	113	229865	151.877	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 303.760%#			
50) Toluene-d8	10.270	98	956355	160.372	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 320.740%#			
62) 4-Bromofluorobenzene	12.570	95	315579	164.875	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 329.760%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	169651	150.511	ug/l	97
3) Chloromethane	2.153	50	335373	150.050	ug/l	96
4) Vinyl Chloride	2.276	62	460074	127.028	ug/l	99
5) Bromomethane	2.664	94	374118	143.502	ug/l	100
6) Chloroethane	2.823	64	339275	132.488	ug/l	92
7) Trichlorofluoromethane	3.164	101	361957	130.333	ug/l	99
8) Diethyl Ether	3.594	74	127755	149.026	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.958	101	222904	130.270	ug/l	99
10) Methyl Iodide	4.158	142	273632	156.876	ug/l	100
11) Tert butyl alcohol	5.070	59	76045	695.593	ug/l #	86
12) 1,1-Dichloroethene	3.935	96	231643	137.316	ug/l	96
13) Acrolein	3.794	56	137757	716.163	ug/l	99
14) Allyl chloride	4.553	41	396693	149.522	ug/l	99
15) Acrylonitrile	5.258	53	303374	736.093	ug/l	100
16) Acetone	4.023	43	212199	749.176	ug/l	95
17) Carbon Disulfide	4.264	76	767132	130.956	ug/l	98
18) Methyl Acetate	4.564	43	171045	146.497	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	601045	162.183	ug/l	98
20) Methylene Chloride	4.800	84	274742	150.482	ug/l	99
21) trans-1,2-Dichloroethene	5.305	96	261284	142.574	ug/l	96
22) Diisopropyl ether	6.217	45	869042	159.014	ug/l	99
23) Vinyl Acetate	6.152	43	2577392	809.725	ug/l	97
24) 1,1-Dichloroethane	6.111	63	487000	141.609	ug/l	98
25) 2-Butanone	7.082	43	381351	769.309	ug/l	93
26) 2,2-Dichloropropane	7.076	77	393407	143.761	ug/l	99
27) cis-1,2-Dichloroethene	7.076	96	309968	152.663	ug/l	99
28) Bromochloromethane	7.423	49	213220	133.160	ug/l	100
29) Tetrahydrofuran	7.446	42	262876	813.333	ug/l	97
30) Chloroform	7.594	83	485613	141.599	ug/l	97
31) Cyclohexane	7.876	56	415798	142.059	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	404735	144.652	ug/l	96
36) 1,1-Dichloropropene	8.005	75	349219	154.387	ug/l	98
37) Ethyl Acetate	7.164	43	178472	151.285	ug/l	97
38) Carbon Tetrachloride	7.994	117	346860	147.038	ug/l	96
39) Methylcyclohexane	9.270	83	432121	164.633	ug/l	95
40) Benzene	8.246	78	1085363	153.139	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
 Data File : VD080295.D
 Acq On : 06 May 2025 15:47
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 03:20:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 03:09:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	100050	152.851	ug/l	95
42) 1,2-Dichloroethane	8.323	62	296646	144.443	ug/l	99
43) Isopropyl Acetate	8.364	43	340970	158.972	ug/l #	88
44) Trichloroethene	9.029	130	247015	150.141	ug/l	95
45) 1,2-Dichloropropane	9.305	63	275609	151.626	ug/l	95
46) Dibromomethane	9.393	93	150291	151.862	ug/l	99
47) Bromodichloromethane	9.582	83	379675	151.150	ug/l	99
48) Methyl methacrylate	9.382	41	177149	173.828	ug/l	94
49) 1,4-Dioxane	9.388	88	37036	3147.681	ug/l	95
51) 4-Methyl-2-Pentanone	10.158	43	934175	845.312	ug/l	98
52) Toluene	10.335	92	690797	161.786	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	371569	162.260	ug/l	98
54) cis-1,3-Dichloropropene	10.017	75	425164	160.220	ug/l	99
55) 1,1,2-Trichloroethane	10.729	97	195467	149.317	ug/l	98
56) Ethyl methacrylate	10.593	69	280751	176.988	ug/l	99
57) 1,3-Dichloropropane	10.876	76	347421	159.686	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	574624	885.167	ug/l	99
59) 2-Hexanone	10.917	43	640711	842.800	ug/l	97
60) Dibromochloromethane	11.070	129	254425	155.087	ug/l	97
61) 1,2-Dibromoethane	11.176	107	186175	153.372	ug/l	100
64) Tetrachloroethene	10.811	164	216627	147.977	ug/l	96
65) Chlorobenzene	11.605	112	735291	150.636	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	255604	152.416	ug/l	99
67) Ethyl Benzene	11.682	91	1367374	167.629	ug/l	99
68) m/p-Xylenes	11.793	106	1050519	331.679	ug/l	99
69) o-Xylene	12.117	106	490681	169.538	ug/l	99
70) Styrene	12.134	104	876197	168.597	ug/l	99
71) Bromoform	12.299	173	149721	150.268	ug/l #	99
73) Isopropylbenzene	12.417	105	1257888	165.329	ug/l	100
74) N-amyl acetate	12.229	43	356910	163.445	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	241387	144.272	ug/l	99
76) 1,2,3-Trichloropropane	12.717	75	143942m	115.669	ug/l	
77) Bromobenzene	12.699	156	302810	153.435	ug/l	97
78) n-propylbenzene	12.758	91	1553910	162.748	ug/l	99
79) 2-Chlorotoluene	12.846	91	888437	159.970	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	1063005	163.808	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	92606	155.284	ug/l	98
82) 4-Chlorotoluene	12.946	91	932651	155.571	ug/l	99
83) tert-Butylbenzene	13.164	119	909967	168.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	1113780	167.747	ug/l	100
85) sec-Butylbenzene	13.340	105	1371813	164.274	ug/l	100
86) p-Isopropyltoluene	13.458	119	1212067	172.699	ug/l	100
87) 1,3-Dichlorobenzene	13.458	146	631825	153.513	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	604977	145.805	ug/l	99
89) n-Butylbenzene	13.781	91	1128575	165.650	ug/l	99
90) Hexachloroethane	14.052	117	228036	146.847	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	536603	150.086	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.446	75	38048	142.685	ug/l	95
93) 1,2,4-Trichlorobenzene	15.099	180	346550	154.127	ug/l	98
94) Hexachlorobutadiene	15.199	225	172620	147.568	ug/l	97
95) Naphthalene	15.328	128	696799	165.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.517	180	309843	154.076	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
Data File : VD080295.D
Acq On : 06 May 2025 15:47
Operator : RP/MD
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 03:20:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 03:09:55 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050625\
Data File : VD080295.D
Acq On : 06 May 2025 15:47
Operator : RP/MD
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/soil
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 03:20:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 03:09:55 2025
Response via : Initial Calibration

