

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080315.D
 Acq On : 13 May 2025 21:36
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/14/2025

Quant Time: May 14 01:37:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	89063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	147611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	143607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.511	152	97877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	57233	49.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.380%			
35) Dibromofluoromethane	7.805	113	56536	57.145	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.300%			
50) Toluene-d8	10.270	98	206151	52.885	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.570	95	74346	59.421	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	40479	51.941	ug/l	98
3) Chloromethane	2.153	50	80444	52.855	ug/l	95
4) Vinyl Chloride	2.276	62	113801	49.150	ug/l	100
5) Bromomethane	2.682	94	80742	48.446	ug/l	98
6) Chloroethane	2.829	64	85779	52.398	ug/l	98
7) Trichlorofluoromethane	3.164	101	90762	51.123	ug/l	96
8) Diethyl Ether	3.594	74	29393	53.634	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	55622	50.849	ug/l	98
10) Methyl Iodide	4.164	142	60948	54.658	ug/l	98
11) Tert butyl alcohol	5.064	59	17683	253.017	ug/l #	84
12) 1,1-Dichloroethene	3.935	96	52018	48.235	ug/l	97
13) Acrolein	3.800	56	14826	120.568	ug/l	96
14) Allyl chloride	4.558	41	75869	44.733	ug/l	95
15) Acrylonitrile	5.253	53	64487	244.758	ug/l	96
16) Acetone	4.023	43	48986	278.299	ug/l	95
17) Carbon Disulfide	4.264	76	170472	45.522	ug/l	100
18) Methyl Acetate	4.570	43	44523	59.742	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	135202	57.068	ug/l	98
20) Methylene Chloride	4.794	84	69668	57.190	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	60868	51.955	ug/l	94
22) Diisopropyl ether	6.217	45	183524	52.529	ug/l	98
23) Vinyl Acetate	6.152	43	496211	243.856	ug/l	99
24) 1,1-Dichloroethane	6.111	63	113881	51.799	ug/l	99
25) 2-Butanone	7.082	43	71478	225.558	ug/l	96
26) 2,2-Dichloropropane	7.076	77	76816	43.910	ug/l	99
27) cis-1,2-Dichloroethene	7.082	96	68424	52.715	ug/l	96
28) Bromochloromethane	7.423	49	46908	45.825	ug/l #	100
29) Tetrahydrofuran	7.452	42	48346	233.985	ug/l	99
30) Chloroform	7.594	83	110569	50.433	ug/l	98
31) Cyclohexane	7.882	56	72228	38.601	ug/l	99
32) 1,1,1-Trichloroethane	7.788	97	90106	50.375	ug/l	97
36) 1,1-Dichloropropene	8.011	75	72117	48.774	ug/l	99
37) Ethyl Acetate	7.164	43	34336	44.409	ug/l	99
38) Carbon Tetrachloride	7.994	117	77140	50.025	ug/l	95
39) Methylcyclohexane	9.276	83	86915	50.657	ug/l	95
40) Benzene	8.252	78	224407	48.437	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
 Data File : VD080315.D
 Acq On : 13 May 2025 21:36
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
 Supervised By :Semsettin Yesilyurt 05/14/2025

Quant Time: May 14 01:37:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17863	41.748	ug/l	94
42) 1,2-Dichloroethane	8.323	62	67308	50.137	ug/l	99
43) Isopropyl Acetate	8.364	43	65256	46.544	ug/l	99
44) Trichloroethene	9.029	130	56803	52.818	ug/l	96
45) 1,2-Dichloropropane	9.305	63	65933	55.490	ug/l	98
46) Dibromomethane	9.393	93	39501	61.060	ug/l	98
47) Bromodichloromethane	9.582	83	94118	57.319	ug/l	99
48) Methyl methacrylate	9.382	41	36593	54.930	ug/l	96
49) 1,4-Dioxane	9.388	88	9273	1205.649	ug/l	90
51) 4-Methyl-2-Pentanone	10.158	43	176502	244.328	ug/l	100
52) Toluene	10.329	92	142719	51.133	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	84600	56.517	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	86273	49.736	ug/l	96
55) 1,1,2-Trichloroethane	10.729	97	52371	61.201	ug/l	99
56) Ethyl methacrylate	10.599	69	61666	59.471	ug/l	98
57) 1,3-Dichloropropane	10.876	76	82921	58.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.870	63	121462	286.230	ug/l	98
59) 2-Hexanone	10.917	43	128848	259.283	ug/l	99
60) Dibromochloromethane	11.070	129	61352	57.211	ug/l	99
61) 1,2-Dibromoethane	11.176	107	44754	56.402	ug/l	99
64) Tetrachloroethene	10.811	164	52065	53.538	ug/l	92
65) Chlorobenzene	11.605	112	166180	51.249	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.682	131	60837	54.610	ug/l	98
67) Ethyl Benzene	11.682	91	277473	51.206	ug/l	93
68) m/p-Xylenes	11.793	106	217698	103.468	ug/l	100
69) o-Xylene	12.117	106	117013	60.861	ug/l	93
70) Styrene	12.129	104	213097	61.725	ug/l	99
71) Bromoform	12.299	173	39193	59.215	ug/l #	99
73) Isopropylbenzene	12.417	105	283268	44.615	ug/l	99
74) N-amyl acetate	12.229	43	73659	40.422	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	56992	40.819	ug/l	98
76) 1,2,3-Trichloropropane	12.723	75	43984m	46.562	ug/l	
77) Bromobenzene	12.699	156	71256	43.267	ug/l	98
78) n-propylbenzene	12.758	91	329024	41.295	ug/l	100
79) 2-Chlorotoluene	12.846	91	190089	41.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	230688	42.599	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.464	75	21445	43.092	ug/l	98
82) 4-Chlorotoluene	12.940	91	204492	40.876	ug/l	98
83) tert-Butylbenzene	13.164	119	196358	43.452	ug/l	99
84) 1,2,4-Trimethylbenzene	13.211	105	248297	44.813	ug/l	99
85) sec-Butylbenzene	13.340	105	336310	48.261	ug/l	100
86) p-Isopropyltoluene	13.458	119	288822	49.315	ug/l	100
87) 1,3-Dichlorobenzene	13.452	146	166429	48.457	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	161437	46.625	ug/l	99
89) n-Butylbenzene	13.781	91	269066	47.326	ug/l	99
90) Hexachloroethane	14.046	117	63011	48.625	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	146358	49.055	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	10235	45.995	ug/l	88
93) 1,2,4-Trichlorobenzene	15.093	180	78397	41.782	ug/l	98
94) Hexachlorobutadiene	15.199	225	42075	43.103	ug/l	98
95) Naphthalene	15.328	128	152301	43.229	ug/l	97
96) 1,2,3-Trichlorobenzene	15.517	180	75349	44.901	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051325\
Data File : VD080315.D
Acq On : 13 May 2025 21:36
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2025
Supervised By :Semsettin Yesilyurt 05/14/2025

Quant Time: May 14 01:37:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

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

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

