

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080233.D
 Acq On : 04 Feb 2025 11:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

02/06/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Feb 05 00:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91407	48.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.805	113	85443	52.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.269	98	326193	53.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.320%
62) 4-Bromofluorobenzene	12.575	95	107536	55.129	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63595	43.605	ug/l	99
3) Chloromethane	2.152	50	131802	43.815	ug/l	99
4) Vinyl Chloride	2.281	62	161229	44.304	ug/l	97
5) Bromomethane	2.687	94	104788	48.213	ug/l	99
6) Chloroethane	2.834	64	108151	44.619	ug/l	96
7) Trichlorofluoromethane	3.170	101	143039	47.430	ug/l	96
8) Diethyl Ether	3.593	74	43960	53.282	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	85068	48.729	ug/l	99
10) Methyl Iodide	4.158	142	89846	58.391	ug/l	99
11) Tert butyl alcohol	5.064	59	27996	269.808	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	85553	51.735	ug/l	93
13) Acrolein	3.799	56	43257	221.098	ug/l	98
14) Allyl chloride	4.558	41	138269	54.256	ug/l	99
15) Acrylonitrile	5.258	53	103274	260.540	ug/l	97
16) Acetone	4.022	43	75400	249.061	ug/l #	84
17) Carbon Disulfide	4.269	76	282944	47.441	ug/l	99
18) Methyl Acetate	4.564	43	56658	55.466	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	201158	55.253	ug/l	99
20) Methylene Chloride	4.799	84	101946	49.624	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	96315	51.267	ug/l	95
22) Diisopropyl ether	6.216	45	299432	56.458	ug/l	97
23) Vinyl Acetate	6.158	43	872563	284.970	ug/l	99
24) 1,1-Dichloroethane	6.116	63	174492	50.189	ug/l	97
25) 2-Butanone	7.087	43	127343	271.192	ug/l	95
26) 2,2-Dichloropropane	7.075	77	143069	47.445	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	107820	50.801	ug/l	99
28) Bromochloromethane	7.422	49	78009	49.168	ug/l	97
29) Tetrahydrofuran	7.452	42	85156	276.881	ug/l	98
30) Chloroform	7.593	83	178969	50.349	ug/l	96
31) Cyclohexane	7.875	56	138599	49.799	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	146694	49.328	ug/l	99
36) 1,1-Dichloropropene	8.010	75	126888	54.041	ug/l	99
37) Ethyl Acetate	7.169	43	60046	52.152	ug/l	97
38) Carbon Tetrachloride	7.993	117	126878	51.733	ug/l	98
39) Methylcyclohexane	9.275	83	142149	55.725	ug/l	97
40) Benzene	8.252	78	382415	51.960	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080233.D
 Acq On : 04 Feb 2025 11:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

02/06/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Feb 05 00:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	32197	50.803	ug/l	94
42) 1,2-Dichloroethane	8.322	62	109540	52.302	ug/l	99
43) Isopropyl Acetate	8.357	43	117432	57.469	ug/l	98
44) Trichloroethene	9.028	130	91823	54.006	ug/l	99
45) 1,2-Dichloropropane	9.304	63	99400	53.695	ug/l	100
46) Dibromomethane	9.393	93	54387	52.733	ug/l	100
47) Bromodichloromethane	9.587	83	137251	52.771	ug/l	96
48) Methyl methacrylate	9.381	41	55389	58.576	ug/l	91
49) 1,4-Dioxane	9.387	88	13506	1203.768	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	306672	296.801	ug/l	99
52) Toluene	10.334	92	239324	55.593	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	126771	57.177	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	150781	55.908	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	70386	52.523	ug/l	97
56) Ethyl methacrylate	10.599	69	93312	61.025	ug/l	97
57) 1,3-Dichloropropane	10.881	76	119686	53.997	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	193036	295.782	ug/l	99
59) 2-Hexanone	10.922	43	208534	307.561	ug/l	99
60) Dibromochloromethane	11.075	129	90095	54.544	ug/l	99
61) 1,2-Dibromoethane	11.181	107	66564	54.540	ug/l	100
64) Tetrachloroethene	10.810	164	76006	49.736	ug/l	97
65) Chlorobenzene	11.604	112	255176	50.888	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	88584	50.498	ug/l	97
67) Ethyl Benzene	11.681	91	450273	53.979	ug/l	100
68) m/p-Xylenes	11.793	106	349508	107.927	ug/l	99
69) o-Xylene	12.122	106	160619	54.391	ug/l	99
70) Styrene	12.134	104	293593	55.853	ug/l	99
71) Bromoform	12.298	173	52482	50.751	ug/l #	95
73) Isopropylbenzene	12.422	105	417700	53.287	ug/l	99
74) N-amyl acetate	12.234	43	115792	56.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	85380	52.343	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	58082m	49.549	ug/l	
77) Bromobenzene	12.698	156	104073	51.472	ug/l	99
78) n-propylbenzene	12.763	91	534538	53.560	ug/l	100
79) 2-Chlorotoluene	12.845	91	305293	53.845	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	364806	55.648	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	31141	54.322	ug/l	94
82) 4-Chlorotoluene	12.945	91	327715	54.390	ug/l	100
83) tert-Butylbenzene	13.163	119	301713	56.297	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	374233	56.085	ug/l	99
85) sec-Butylbenzene	13.345	105	455841	55.629	ug/l	100
86) p-Isopropyltoluene	13.457	119	387005	55.311	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	214075	53.754	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	206136	51.141	ug/l	99
89) n-Butylbenzene	13.787	91	372761	54.823	ug/l	99
90) Hexachloroethane	14.057	117	80647	51.861	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	185826	52.955	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13318	51.319	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	117796	52.662	ug/l	100
94) Hexachlorobutadiene	15.204	225	59129	48.808	ug/l	97
95) Naphthalene	15.334	128	216748	54.627	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	104987	52.009	ug/l	98

02/06/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
Data File : VD080233.D
Acq On : 04 Feb 2025 11:55
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 00:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

02/06/2025
Supervised By :Semsettin
Yesilyurt

02/06/2025

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

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

