Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
Data File : VD080450.D
Acq On : 18 Jun 2025 11:20
Operator : RP/MD
Sample : VSTD10086
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100886

Quant Time: Jun 19 08:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 19 08:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.776	114	239493	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.582	117	229183	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	131620	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.276	65	290300	70.06	ug/L		0.00
7) Chloroethane-d5	2.800	69	255855	72.77	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.918	65	113510	79.32	ug/L		0.00
21) 2-Butanone-d5	6.988	46	123473	169.52	ug/L		0.00
24) Chloroform-d	7.570	84	527698	75.52	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.229	65	264767	76.00	ug/L		0.00
32) Benzene-d6	8.200	84	1066746	82.38	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.211	67	328740	79.19	ug/L		0.00
41) Toluene-d8	10.270	98	1049854	85.93	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.523	79	146870	84.05	ug/L		0.00
47) 2-Hexanone-d5	10.876	63	119419	188.17	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	296436	79.91	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	387975	77.82	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.935	85	301979	79.30	ug/L		100
3) Chloromethane	2.147	50	263662	70.74	ug/L		100
5) Vinyl chloride	2.282	62	352410	79.77	ug/L		95
6) Bromomethane	2.694	94	241136	99.90	ug/L		97
8) Chloroethane	2.835	64	223735	75.44	ug/L		96
9) Trichlorofluoromethane	3.176	101	492619	83.25	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	3.965	101	309188	83.36	ug/L		97
12) 1,1-Dichloroethene	3.941	96	281590	88.37	ug/L		98
13) Acetone	4.018	43	92581	145.47	ug/L		100
14) Carbon disulfide	4.270	76	888092	82.78	ug/L		97
15) Methyl Acetate	4.565	43	124201	80.77	ug/L		99
16) Methylene chloride	4.800	84	299284	57.67	ug/L		98
17) trans-1,2-Dichloroethene	5.312	96	313815	88.53	ug/L		93
18) Methyl tert-butyl Ether	5.317	73	655566	95.18	ug/L		97
19) 1,1-Dichloroethane	6.112	63	519829	84.39	ug/L		98
20) cis-1,2-Dichloroethene	7.076	96	349136	92.85	ug/L		96
22) 2-Butanone	7.076	43	157625	181.39	ug/L		99
23) Bromochloromethane	7.429	128	167220	85.88	ug/L		94
25) Chloroform	7.600	83	575752	83.46	ug/L		96
27) 1,2-Dichloroethane	8.329	62	332135	84.34	ug/L		97
29) Cyclohexane	7.876	56	518293	105.71	ug/L		97
30) 1,1,1-Trichloroethane	7.794	97	478935	85.34	ug/L		99
31) Carbon tetrachloride	7.994	117	449140	85.79	ug/L		99
33) Benzene	8.253	78	1209813	88.37	ug/L		100
34) Trichloroethene	9.029	95	331918	86.73	ug/L		92
35) Methylcyclohexane	9.276	83	558039	99.07	ug/L		98
37) 1,2-Dichloropropane	9.305	63	319680	85.01	ug/L		100
38) Bromodichloromethane	9.588	83	412490	84.67	ug/L	#	99
39) cis-1,3-Dichloropropene	10.017	75	530957	95.09	ug/L		96
40) 4-Methyl-2-pentanone	10.158	43	374913	197.74	ug/L		99
42) Toluene	10.335	91	1401528	93.52	ug/L		95
44) trans-1,3-Dichloropropene	10.552	75	446963	92.80	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
Data File : VD080450.D
Acq On : 18 Jun 2025 11:20
Operator : RP/MD
Sample : VSTD10086
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100886

Quant Time: Jun 19 08:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 19 08:34:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.735	97	260007	84.73	ug/L	94
46) Tetrachloroethene	10.811	164	298174	88.91	ug/L	96
48) 2-Hexanone	10.917	43	263731	190.11	ug/L	97
49) Dibromochloromethane	11.070	129	320293	87.58	ug/L	99
50) 1,2-Dibromoethane	11.176	107	254995	87.99	ug/L	95
51) Chlorobenzene	11.605	112	890896	87.07	ug/L	99
52) Ethylbenzene	11.682	91	1544370	96.04	ug/L	99
53) m,p-Xylene	11.788	106	600114	96.46	ug/L	96
54) o-Xylene	12.117	106	584441	98.17	ug/L	97
55) Styrene	12.135	104	1036967	97.72	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.670	83	307643	86.35	ug/L	96
59) Bromoform	12.299	173	214108	80.14	ug/L	97
60) Isopropylbenzene	12.417	105	1579794	93.87	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	208211	79.32	ug/L	98
62) 1,3,5-Trimethylbenzene	12.899	105	1268132	96.53	ug/L	99
63) 1,2,4-Trimethylbenzene	13.205	105	1258162	96.89	ug/L	99
64) 1,3-Dichlorobenzene	13.452	146	745519	84.74	ug/L	96
65) 1,4-Dichlorobenzene	13.535	146	756082	82.74	ug/L	99
67) 1,2-Dichlorobenzene	13.829	146	685602	83.96	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.446	75	46782	78.68	ug/L	95
69) 1,3,5-Trichlorobenzene	14.588	180	511561	84.70	ug/L	99
70) 1,2,4-trichlorobenzene	15.093	180	445181	87.58	ug/L	99
71) Naphthalene	15.329	128	862321	95.48	ug/L	99
72) 1,2,3-Trichlorobenzene	15.517	180	407675	86.66	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
Data File : VD080450.D
Acq On : 18 Jun 2025 11:20
Operator : RP/MD
Sample : VSTD10086
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD100886

Quant Time: Jun 19 08:38:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 19 08:34:52 2025
Response via : Initial Calibration