

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011025\
 Data File : VD080205.D
 Acq On : 10 Jan 2025 11:37
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025936

Quant Time: Jan 13 00:05:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM010925SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 09 20:13:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	212816	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	209256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	113108	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	148523	23.796	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
7) Chloroethane-d5	2.811	69	126573	24.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	3.928	65	33518	22.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.000%
21) 2-Butanone-d5	6.993	46	33875	46.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.840%
24) Chloroform-d	7.575	84	163390	24.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.234	65	91516	26.162	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.640%
32) Benzene-d6	8.205	84	332731	24.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.520%
36) 1,2-Dichloropropane-d6	9.216	67	106252	23.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.269	98	315982	25.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.528	79	43027	23.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.200%
47) 2-Hexanone-d5	10.881	63	30276	54.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88030	26.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	104046	24.470	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.880%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	85616	20.270	ug/L	99
3) Chloromethane	2.152	50	117526	20.410	ug/L	95
5) Vinyl chloride	2.287	62	152313	21.557	ug/L	99
6) Bromomethane	2.699	94	87712	21.317	ug/L	92
8) Chloroethane	2.846	64	96278	22.215	ug/L	100
9) Trichlorofluoromethane	3.181	101	135049	23.004	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	77500	23.138	ug/L	98
12) 1,1-Dichloroethene	3.952	96	63900	21.373	ug/L	88
13) Acetone	4.034	43	24179	42.335	ug/L	89
14) Carbon disulfide	4.275	76	241945	21.713	ug/L	99
15) Methyl Acetate	4.575	43	30921	21.633	ug/L	99
16) Methylene chloride	4.811	84	78317	21.678	ug/L	99
17) trans-1,2-Dichloroethene	5.322	96	71246	21.906	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	139583	22.524	ug/L	99
19) 1,1-Dichloroethane	6.122	63	137562	21.908	ug/L	97
20) cis-1,2-Dichloroethene	7.087	96	77784	22.741	ug/L	95
22) 2-Butanone	7.087	43	34495	42.390	ug/L	99
23) Bromochloromethane	7.428	128	39148	23.668	ug/L	95
25) Chloroform	7.599	83	162095	23.293	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.334	62	93771	23.099	ug/L	99
29) Cyclohexane	7.887	56	117462	22.311	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	123762	22.324	ug/L	99
31) Carbon tetrachloride	7.993	117	112846	23.062	ug/L	99
33) Benzene	8.252	78	323053	22.704	ug/L	100
34) Trichloroethene	9.034	95	82053	22.266	ug/L	98
35) Methylcyclohexane	9.281	83	129841	23.694	ug/L	99
37) 1,2-Dichloropropane	9.310	63	87241	22.504	ug/L	99
38) Bromodichloromethane	9.587	83	112233	23.092	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	123399	22.521	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	87507	45.983	ug/L	100
42) Toluene	10.334	91	358351	24.104	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	112057	23.681	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	65157	23.019	ug/L	98
46) Tetrachloroethene	10.810	164	68310	23.005	ug/L	92
48) 2-Hexanone	10.922	43	62640	48.276	ug/L	97
49) Dibromochloromethane	11.075	129	75717	24.020	ug/L	96
50) 1,2-Dibromoethane	11.181	107	60768	23.623	ug/L	99
51) Chlorobenzene	11.610	112	213180	22.368	ug/L	98
52) Ethylbenzene	11.687	91	381622	23.923	ug/L	98
53) m,p-Xylene	11.798	106	146699	24.607	ug/L	99
54) o-Xylene	12.122	106	135274	24.255	ug/L	95
55) Styrene	12.134	104	247872	24.539	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	78814	24.562	ug/L	92
59) Bromoform	12.304	173	48710	24.001	ug/L	99
60) Isopropylbenzene	12.422	105	366377	23.225	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	54335	22.717	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	287734	22.888	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	288998	23.566	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	172413	22.344	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	180746	22.685	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	160705	23.251	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	12067	23.202	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	117575	22.407	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	93113	21.746	ug/L	100
71) Naphthalene	15.334	128	166076	22.044	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	91680	23.053	ug/L	100

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

