

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031562.D
 Acq On : 17 Jan 2025 09:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Jan 18 03:30:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 18 00:35:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	609825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	516963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	242184	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	174369	18.222	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.880%
7) Chloroethane-d5	2.899	69	130178	19.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	4.027	65	84467	19.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.360%
21) 2-Butanone-d5	7.093	46	72055	46.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.680%
24) Chloroform-d	7.648	84	328290	20.801	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	8.307	65	166867	21.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.920%
32) Benzene-d6	8.276	84	675741	20.810	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.240%
36) 1,2-Dichloropropane-d6	9.270	67	200164	20.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.520%
41) Toluene-d8	10.319	98	613889	20.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.760%
43) trans-1,3-Dichloroprop...	10.575	79	86877	22.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.922	63	47612	48.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	133024	22.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	177704	20.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.680%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.015	85	186030	23.454	ug/L	99
3) Chloromethane	2.222	50	169972	20.676	ug/L	100
5) Vinyl chloride	2.375	62	249025	23.748	ug/L	98
6) Bromomethane	2.795	94	136188	22.220	ug/L	98
8) Chloroethane	2.936	64	138886	22.532	ug/L	97
9) Trichlorofluoromethane	3.271	101	242212	23.250	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	196121	24.587	ug/L	97
12) 1,1-Dichloroethene	4.045	96	195516	24.094	ug/L	93
13) Acetone	4.167	43	61092m	51.603	ug/L	
14) Carbon disulfide	4.393	76	656872	24.032	ug/L	100
15) Methyl Acetate	4.691	43	79799	25.729	ug/L #	76
16) Methylene chloride	4.923	84	193009	23.239	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	208661	23.941	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	347763	24.883	ug/L	99
19) 1,1-Dichloroethane	6.222	63	388016	23.663	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	221401	23.792	ug/L	99
22) 2-Butanone	7.191	43	98662	48.796	ug/L	98
23) Bromochloromethane	7.514	128	87264	23.945	ug/L	95
25) Chloroform	7.679	83	369961	23.720	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	237593	24.733	ug/L	99
29) Cyclohexane	7.959	56	401600	24.238	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	330623	24.637	ug/L	98
31) Carbon tetrachloride	8.069	117	294401	24.743	ug/L	97
33) Benzene	8.325	78	848168	23.972	ug/L	100
34) Trichloroethene	9.093	95	226601	23.822	ug/L	97
35) Methylcyclohexane	9.337	83	419580	24.603	ug/L	99
37) 1,2-Dichloropropane	9.367	63	212126	23.854	ug/L	99
38) Bromodichloromethane	9.642	83	256646	23.859	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	343948	24.587	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	224917	50.671	ug/L	100
42) Toluene	10.386	91	888920	24.035	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	280602	25.095	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	140109	24.580	ug/L	97
46) Tetrachloroethene	10.861	164	163451	23.945	ug/L	93
48) 2-Hexanone	10.965	43	147156	54.251	ug/L	99
49) Dibromochloromethane	11.123	129	156291	24.920	ug/L	98
50) 1,2-Dibromoethane	11.233	107	137603	26.047	ug/L	99
51) Chlorobenzene	11.654	112	548075	23.998	ug/L	97
52) Ethylbenzene	11.727	91	1020715	24.053	ug/L	98
53) m,p-Xylene	11.837	106	384407	23.757	ug/L	99
54) o-Xylene	12.160	106	364829	24.262	ug/L	97
55) Styrene	12.178	104	606689	24.247	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	159076	25.398	ug/L	95
59) Bromoform	12.343	173	84648	26.231	ug/L	96
60) Isopropylbenzene	12.458	105	1015723	24.008	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	117767	25.894	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	832355	23.893	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	810661	23.909	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	392868	23.413	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	390606	23.536	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	353181	24.647	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	27371	26.919	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	275920	24.264	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	223700	24.698	ug/L	98
71) Naphthalene	15.354	128	446843	26.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	185266	24.286	ug/L	99

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

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