

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012025\
 Data File : VW031575.D
 Acq On : 20 Jan 2025 10:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025483

Quant Time: Jan 21 01:00:10 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	620445	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528064	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	241040	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	186880	19.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.800%
7) Chloroethane-d5	2.899	69	139808	20.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	4.021	65	89691	20.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.840%
21) 2-Butanone-d5	7.094	46	78547	50.188	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
24) Chloroform-d	7.648	84	358896	22.351	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	8.307	65	179590	22.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.880%
32) Benzene-d6	8.270	84	730774	22.031	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.120%
36) 1,2-Dichloropropane-d6	9.270	67	220076	22.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.880%
41) Toluene-d8	10.319	98	663034	22.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	10.575	79	92775	23.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.922	63	51023	51.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148826	24.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	192792	22.804	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	157842	19.559	ug/L	93
3) Chloromethane	2.222	50	155759	18.622	ug/L	98
5) Vinyl chloride	2.375	62	237802	22.290	ug/L	100
6) Bromomethane	2.796	94	133832	21.462	ug/L	95
8) Chloroethane	2.936	64	134329	21.420	ug/L	97
9) Trichlorofluoromethane	3.271	101	226824	21.401	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	191401	23.584	ug/L	97
12) 1,1-Dichloroethene	4.045	96	186769	22.622	ug/L	95
13) Acetone	4.167	43	54490	45.238	ug/L #	59
14) Carbon disulfide	4.393	76	593695	21.348	ug/L	99
15) Methyl Acetate	4.685	43	74193	23.512	ug/L #	73
16) Methylene chloride	4.923	84	190182	22.507	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	198799	22.419	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	338582	23.812	ug/L	99
19) 1,1-Dichloroethane	6.222	63	381851	22.888	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	214112	22.615	ug/L	99
22) 2-Butanone	7.191	43	95634	46.488	ug/L	98
23) Bromochloromethane	7.514	128	86088	23.218	ug/L	96
25) Chloroform	7.679	83	366802	23.115	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	230889	23.624	ug/L	98
29) Cyclohexane	7.959	56	381854	22.562	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	316567	23.093	ug/L	99
31) Carbon tetrachloride	8.069	117	284049	23.371	ug/L	99
33) Benzene	8.325	78	824575	22.816	ug/L	100
34) Trichloroethene	9.093	95	218427	22.480	ug/L	97
35) Methylcyclohexane	9.337	83	391678	22.484	ug/L	100
37) 1,2-Dichloropropane	9.368	63	207837	22.880	ug/L	100
38) Bromodichloromethane	9.642	83	256101	23.308	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	336519	23.550	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	216754	47.806	ug/L	99
42) Toluene	10.386	91	869179	23.007	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	270737	23.703	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	141135	24.240	ug/L	99
46) Tetrachloroethene	10.861	164	154521	22.161	ug/L	84
48) 2-Hexanone	10.965	43	140462	50.695	ug/L	99
49) Dibromochloromethane	11.129	129	154409	24.103	ug/L	96
50) 1,2-Dibromoethane	11.233	107	130917	24.261	ug/L	95
51) Chlorobenzene	11.654	112	532288	22.817	ug/L	96
52) Ethylbenzene	11.727	91	995105	22.956	ug/L	96
53) m,p-Xylene	11.837	106	376669	22.790	ug/L	97
54) o-Xylene	12.160	106	356534	23.212	ug/L	99
55) Styrene	12.178	104	600210	23.484	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	159176	24.880	ug/L	98
59) Bromoform	12.349	173	81133	25.261	ug/L	100
60) Isopropylbenzene	12.458	105	983910	23.366	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	115201	25.450	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	814321	23.486	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	792567	23.486	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	396897	23.765	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	392077	23.737	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	346834	24.319	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	25528	25.226	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	255698	22.593	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	212922	23.620	ug/L	99
71) Naphthalene	15.354	128	428432	25.346	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	175664	23.137	ug/L	98

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

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