

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031560.D
 Acq On : 10 Jan 2025 12:49
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV457

Quant Time: Jan 11 04:21:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 04:20:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	630438	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	246479	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	222069	22.448	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.800%		
7) Chloroethane-d5	2.893	69	165460	23.420	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.680%		
11) 1,1-Dichloroethene-d2	4.015	65	107854	24.504	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	98.000%		
21) 2-Butanone-d5	7.100	46	74710	46.980	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.960%		
24) Chloroform-d	7.648	84	414093	25.380	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.520%		
26) 1,2-Dichloroethane-d4	8.301	65	198477	24.715	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.880%		
32) Benzene-d6	8.270	84	871459	25.755	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.000%		
36) 1,2-Dichloropropane-d6	9.270	67	250450	25.069	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.280%		
41) Toluene-d8	10.319	98	793785	25.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.960%		
43) trans-1,3-Dichloroprop...	10.575	79	103088	25.128	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.520%		
47) 2-Hexanone-d5	10.922	63	49640	48.689	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.380%		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	147362	24.120	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.480%		
66) 1,2-Dichlorobenzene-d4	13.849	152	220637	25.522	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	191193	23.317	ug/L	92
3) Chloromethane	2.216	50	188656	22.198	ug/L	98
5) Vinyl chloride	2.369	62	258666	23.861	ug/L	99
6) Bromomethane	2.790	94	147223	23.236	ug/L	93
8) Chloroethane	2.930	64	153085	24.024	ug/L	96
9) Trichlorofluoromethane	3.265	101	251861	23.386	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	202992	24.616	ug/L	98
12) 1,1-Dichloroethene	4.039	96	210330	25.072	ug/L	90
13) Acetone	4.173	43	56781m	46.393	ug/L	
14) Carbon disulfide	4.381	76	700878	24.803	ug/L	100
15) Methyl Acetate	4.692	43	76151m	23.750	ug/L	
16) Methylene chloride	4.911	84	208647	24.301	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	224632	24.931	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	341109	23.609	ug/L	100
19) 1,1-Dichloroethane	6.216	63	424238	25.026	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	237578	24.696	ug/L	98
22) 2-Butanone	7.191	43	85786	41.040	ug/L	98
23) Bromochloromethane	7.514	128	93055	24.699	ug/L	98
25) Chloroform	7.673	83	403864	25.047	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	241368	24.304	ug/L	99
29) Cyclohexane	7.953	56	430059	24.909	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	350636	25.074	ug/L	98
31) Carbon tetrachloride	8.069	117	313684	25.301	ug/L	98
33) Benzene	8.319	78	922376	25.019	ug/L	100
34) Trichloroethene	9.087	95	247142	24.934	ug/L	97
35) Methylcyclohexane	9.331	83	444875	25.034	ug/L	99
37) 1,2-Dichloropropane	9.368	63	228626	24.673	ug/L	100
38) Bromodichloromethane	9.642	83	273781	24.426	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	364556	25.009	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	200581	43.367	ug/L	98
42) Toluene	10.386	91	969014	25.144	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	282886	24.279	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	141065	23.750	ug/L	94
46) Tetrachloroethene	10.861	164	170746	24.005	ug/L	96
48) 2-Hexanone	10.965	43	128822	45.577	ug/L	97
49) Dibromochloromethane	11.123	129	158477	24.250	ug/L	99
50) 1,2-Dibromoethane	11.233	107	133402	24.234	ug/L	94
51) Chlorobenzene	11.654	112	601033	25.256	ug/L	99
52) Ethylbenzene	11.727	91	1116575	25.251	ug/L	97
53) m,p-Xylene	11.837	106	426156	25.276	ug/L	95
54) o-Xylene	12.160	106	395553	25.244	ug/L	99
55) Styrene	12.178	104	645143	24.744	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	151111	23.154	ug/L	97
59) Bromoform	12.343	173	78765	23.982	ug/L	99
60) Isopropylbenzene	12.459	105	1107528	25.722	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	110153	23.798	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	914482	25.793	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	879113	25.476	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	435625	25.508	ug/L	98
65) 1,4-Dichlorobenzene	13.568	146	410071	24.278	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	359866	24.676	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	23113	22.335	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	294201	25.421	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	234315	25.419	ug/L	95
71) Naphthalene	15.360	128	401953	23.255	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	185094	23.841	ug/L	99

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

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