

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031558.D
 Acq On : 10 Jan 2025 11:54
 Operator : SY/MD
 Sample : VSTD10056
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100456

Quant Time: Jan 11 03:13:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	651644	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	562502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	254447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	903690	88.377	ug/L	0.00
7) Chloroethane-d5	2.899	69	665915	91.190	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	421728	92.338	ug/L	0.00
21) 2-Butanone-d5	7.100	46	312747	192.209	ug/L	0.00
24) Chloroform-d	7.648	84	1598902	94.808	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	768710	92.609	ug/L	0.00
32) Benzene-d6	8.276	84	3300829	93.420	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	989452	94.845	ug/L	0.00
41) Toluene-d8	10.318	98	3034046	95.123	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	422428	98.606	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	211811	196.551	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	596174	93.448	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	847972	95.017	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	856824	104.004	ug/L	99
3) Chloromethane	2.228	50	912312	103.852	ug/L	99
5) Vinyl chloride	2.375	62	1104757	98.593	ug/L	100
6) Bromomethane	2.795	94	642279	98.069	ug/L	95
8) Chloroethane	2.936	64	649215	98.566	ug/L	100
9) Trichlorofluoromethane	3.265	101	1059466	95.173	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	867812	101.850	ug/L	97
12) 1,1-Dichloroethene	4.039	96	885969	102.174	ug/L	99
13) Acetone	4.179	43	232504m	191.997	ug/L	
14) Carbon disulfide	4.387	76	2939996	100.657	ug/L	99
15) Methyl Acetate	4.691	43	323526	101.545	ug/L #	76
16) Methylene chloride	4.917	84	867403	97.738	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	939352	100.862	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	1418651	94.994	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1769402	100.981	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	1015046	102.078	ug/L	98
22) 2-Butanone	7.191	43	386036	183.619	ug/L	98
23) Bromochloromethane	7.514	128	393481	101.042	ug/L	97
25) Chloroform	7.673	83	1661641	99.701	ug/L	98
27) 1,2-Dichloroethane	8.398	62	1009562	98.350	ug/L	99
29) Cyclohexane	7.953	56	1762194	97.743	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	1433341	98.159	ug/L	99
31) Carbon tetrachloride	8.069	117	1285718	99.310	ug/L	100
33) Benzene	8.319	78	3732844	96.963	ug/L	100
34) Trichloroethene	9.087	95	1019510	98.500	ug/L	95
35) Methylcyclohexane	9.331	83	1824692	98.331	ug/L	99
37) 1,2-Dichloropropane	9.367	63	946183	97.787	ug/L	100
38) Bromodichloromethane	9.642	83	1172188	100.150	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	1554589	102.132	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	900321	186.411	ug/L	99
42) Toluene	10.386	91	3941818	97.951	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	1234242	101.444	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	603930	97.374	ug/L	96
46) Tetrachloroethene	10.861	164	725704	97.706	ug/L	96
48) 2-Hexanone	10.965	43	591527	200.420	ug/L	98
49) Dibromochloromethane	11.123	129	690728	101.219	ug/L	99
50) 1,2-Dibromoethane	11.233	107	572554	99.606	ug/L	100
51) Chlorobenzene	11.654	112	2473546	99.540	ug/L	97
52) Ethylbenzene	11.727	91	4511395	97.703	ug/L	98
53) m,p-Xylene	11.836	106	1720276	97.711	ug/L	94
54) o-Xylene	12.160	106	1631557	99.717	ug/L	96
55) Styrene	12.178	104	2685934	98.655	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	639767	93.876	ug/L	97
59) Bromoform	12.343	173	360188	106.235	ug/L	98
60) Isopropylbenzene	12.458	105	4407316	99.152	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	474437	99.291	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	3651703	99.772	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	3569503	100.202	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1716520	97.365	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	1702966	97.668	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	1471004	97.706	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	109583	102.580	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	1169783	97.913	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	920316	96.712	ug/L	99
71) Naphthalene	15.354	128	1861564	104.327	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	773031	96.451	ug/L	96

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

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