

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031556.D
 Acq On : 10 Jan 2025 10:33
 Operator : SY/MD
 Sample : VSTD02554
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025454

Quant Time: Jan 11 03:12:36 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	586635	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	504167	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	228566	24.830	ug/L	0.00
7) Chloroethane-d5	2.899	69	167713	25.511	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	105632	25.691	ug/L	0.00
21) 2-Butanone-d5	7.100	46	78553	53.627	ug/L	0.00
24) Chloroform-d	7.648	84	404262	26.627	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	200826	26.875	ug/L	0.00
32) Benzene-d6	8.276	84	843573	26.637	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	252059	26.957	ug/L	0.00
41) Toluene-d8	10.325	98	767861	26.859	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	105256	27.412	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	53166	55.044	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	151953	26.574	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	223152	27.334	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	165585	22.326	ug/L	100
3) Chloromethane	2.222	50	174343	22.046	ug/L	100
5) Vinyl chloride	2.375	62	243785	24.167	ug/L	100
6) Bromomethane	2.796	94	141088	23.930	ug/L	100
8) Chloroethane	2.936	64	143855	24.261	ug/L	100
9) Trichlorofluoromethane	3.271	101	248585	24.805	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	184996	24.118	ug/L	100
12) 1,1-Dichloroethene	4.045	96	189109	24.226	ug/L	100
13) Acetone	4.186	43	46977	43.092	ug/L	100
14) Carbon disulfide	4.387	76	638480	24.282	ug/L	100
15) Methyl Acetate	4.698	43	66327	23.125	ug/L	100
16) Methylene chloride	4.923	84	186941	23.399	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	203010	24.214	ug/L	100
18) Methyl tert-butyl Ether	5.435	73	329564	24.513	ug/L	100
19) 1,1-Dichloroethane	6.222	63	384960	24.405	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	219654	24.537	ug/L	100
22) 2-Butanone	7.191	43	86645	45.780	ug/L	100
23) Bromochloromethane	7.520	128	86023	24.538	ug/L	100
25) Chloroform	7.679	83	366359	24.418	ug/L	100
27) 1,2-Dichloroethane	8.404	62	226887	24.552	ug/L	100
29) Cyclohexane	7.959	56	398110	24.637	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	318459	24.332	ug/L	100
31) Carbon tetrachloride	8.069	117	279386	24.077	ug/L	100
33) Benzene	8.325	78	837847	24.282	ug/L	100
34) Trichloroethene	9.093	95	227321	24.504	ug/L	100
35) Methylcyclohexane	9.337	83	407310	24.489	ug/L	100
37) 1,2-Dichloropropane	9.368	63	208937	24.092	ug/L	100
38) Bromodichloromethane	9.642	83	256054	24.408	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	336669	24.677	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	202314	46.736	ug/L	100
42) Toluene	10.386	91	876564	24.302	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	268383	24.611	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	134591	24.212	ug/L	100
46) Tetrachloroethene	10.855	164	160184	24.062	ug/L	100
48) 2-Hexanone	10.965	43	129385	48.910	ug/L	100
49) Dibromochloromethane	11.123	129	150807	24.656	ug/L	100
50) 1,2-Dibromoethane	11.233	107	126219	24.499	ug/L	100
51) Chlorobenzene	11.654	112	548144	24.611	ug/L	100
52) Ethylbenzene	11.727	91	1008303	24.363	ug/L	100
53) m,p-Xylene	11.837	106	383867	24.326	ug/L	100
54) o-Xylene	12.160	106	355992	24.275	ug/L	100
55) Styrene	12.178	104	610060	25.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	145232	23.776	ug/L	100
59) Bromoform	12.349	173	76314	24.605	ug/L	100
60) Isopropylbenzene	12.458	105	1015510	24.974	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	108143	24.740	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	840871	25.114	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	811555	24.904	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	394752	24.477	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	386671	24.242	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	333894	24.243	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	23975	24.533	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	270531	24.753	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	215641	24.772	ug/L	100
71) Naphthalene	15.354	128	401129	24.574	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	170727	23.286	ug/L	100

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

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