

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061025\
 Data File : VW031718.D
 Acq On : 10 Jun 2025 13:50
 Operator : SY/MD
 Sample : VSTD00576
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005476

Quant Time: Jun 26 07:42:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 25 07:47:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	295949	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273442	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131204	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.393	65	19302	5.208	ug/L	0.00
7) Chloroethane-d5	2.930	69	16378	5.353	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.052	65	10675	5.484	ug/L	0.00
21) 2-Butanone-d5	7.112	46	15715	10.825	ug/L	0.02
24) Chloroform-d	7.667	84	46555	5.427	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	29342	5.829	ug/L	0.00
32) Benzene-d6	8.283	84	88016	5.323	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	27261	5.559	ug/L	0.00
41) Toluene-d8	10.325	98	81493	5.341	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11973	5.039	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	11805	10.237	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	26766	5.470	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	26637	5.295	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	20164	5.779	ug/L	97
3) Chloromethane	2.247	50	20718	5.931	ug/L	100
5) Vinyl chloride	2.406	62	25584	6.139	ug/L	95
6) Bromomethane	2.820	94	18158	6.128	ug/L	95
8) Chloroethane	2.966	64	16177	6.060	ug/L	95
9) Trichlorofluoromethane	3.302	101	21057	5.696	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.094	101	14010	3.538	ug/L #	45
12) 1,1-Dichloroethene	4.076	96	23884	6.037	ug/L	86
13) Acetone	4.161	43	15251	12.177	ug/L	97
14) Carbon disulfide	4.417	76	62473	5.711	ug/L	98
15) Methyl Acetate	4.704	43	15962	6.425	ug/L	99
16) Methylene chloride	4.948	84	35784	7.198	ug/L	99
17) trans-1,2-Dichloroethene	5.454	96	24549	5.976	ug/L	95
18) Methyl tert-butyl Ether	5.466	73	40438	6.029	ug/L	99
19) 1,1-Dichloroethane	6.240	63	46595	6.107	ug/L	98
20) cis-1,2-Dichloroethene	7.185	96	26827	5.869	ug/L	93
23) Bromochloromethane	7.533	128	12530	6.067	ug/L	94
25) Chloroform	7.691	83	50533	6.183	ug/L	95
27) 1,2-Dichloroethane	8.411	62	37104	6.228	ug/L	100
29) Cyclohexane	7.972	56	40641	5.626	ug/L	99
30) 1,1,1-Trichloroethane	7.892	97	37916	5.936	ug/L	99
31) Carbon tetrachloride	8.081	117	33463	5.699	ug/L	97
33) Benzene	8.337	78	102671	5.981	ug/L	100
34) Trichloroethene	9.093	95	28464	5.889	ug/L	94
35) Methylcyclohexane	9.343	83	43583	5.554	ug/L	96
37) 1,2-Dichloropropane	9.374	63	27162	6.177	ug/L	100
38) Bromodichloromethane	9.648	83	35027	5.938	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	40036	5.590	ug/L	100
40) 4-Methyl-2-pentanone	10.215	43	40513	11.387	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.392	91	109562	5.925	ug/L	98
44) trans-1,3-Dichloropropene	10.611	75	35269	5.625	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	22752	6.129	ug/L	96
46) Tetrachloroethene	10.861	164	21155	6.181	ug/L	92
48) 2-Hexanone	10.971	43	28819	11.724	ug/L	97
49) Dibromochloromethane	11.130	129	22292	5.796	ug/L	92
50) 1,2-Dibromoethane	11.233	107	22406	6.104	ug/L	96
51) Chlorobenzene	11.660	112	72174	6.106	ug/L	94
52) Ethylbenzene	11.727	91	121859	5.778	ug/L	98
53) m,p-Xylene	11.837	106	45038	5.762	ug/L	96
54) o-Xylene	12.166	106	41828	5.595	ug/L	83
55) Styrene	12.178	104	72603	5.699	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	28587	6.023	ug/L	98
59) Bromoform	12.349	173	13089	5.683	ug/L #	93
60) Isopropylbenzene	12.459	105	115006	5.629	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	22854	6.242	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	90107	5.519	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	88647	5.471	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	51186	5.876	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	52103	5.838	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	48270	5.942	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	5617	6.034	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	33971	5.934	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	27432	5.469	ug/L	96
71) Naphthalene	15.361	128	69551	5.493	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	28141	5.971	ug/L	95

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

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