

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031554.D
 Acq On : 10 Jan 2025 09:45
 Operator : SY/MD
 Sample : VSTD2.552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5452

Quant Time: Jan 11 03:11:03 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	8.843	114	679147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	566736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	276361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	32175	3.019	ug/L	0.00
7) Chloroethane-d5	2.899	69	21960	2.885	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	13442	2.824	ug/L	0.00
21) 2-Butanone-d5	7.124	46	9531m	5.620	ug/L	0.02
24) Chloroform-d	7.654	84	47078	2.678	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	24098	2.786	ug/L	0.00
32) Benzene-d6	8.276	84	99085	2.783	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	28642	2.725	ug/L	0.00
41) Toluene-d8	10.325	98	88277	2.747	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11507	2.666	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5337	4.916	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17661	2.748	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	26419	2.726	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	23796m	2.771	ug/L	
3) Chloromethane	2.222	50	24406	2.666	ug/L	96
5) Vinyl chloride	2.369	62	29577	2.533	ug/L	90
6) Bromomethane	2.795	94	17200	2.520	ug/L	96
8) Chloroethane	2.936	64	17131	2.496	ug/L	99
9) Trichlorofluoromethane	3.277	101	29949	2.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	22668m	2.553	ug/L	
12) 1,1-Dichloroethene	4.045	96	22265	2.464	ug/L	99
13) Acetone	4.192	43	7528m	5.965	ug/L	
14) Carbon disulfide	4.393	76	75079	2.466	ug/L	96
15) Methyl Acetate	4.704	43	10376m	3.125	ug/L	
16) Methylene chloride	4.917	84	24034	2.598	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	24338	2.507	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	39419	2.533	ug/L	98
19) 1,1-Dichloroethane	6.222	63	44864	2.457	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	24992	2.412	ug/L	93
22) 2-Butanone	7.209	43	13327m	6.082	ug/L	
23) Bromochloromethane	7.520	128	9860	2.429	ug/L	95
25) Chloroform	7.685	83	42402	2.441	ug/L	97
27) 1,2-Dichloroethane	8.404	62	26728	2.498	ug/L	97
29) Cyclohexane	7.953	56	45571	2.509	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	37173	2.527	ug/L	99
31) Carbon tetrachloride	8.063	117	33145	2.541	ug/L	97
33) Benzene	8.325	78	98134	2.530	ug/L	100
34) Trichloroethene	9.087	95	26358	2.528	ug/L	91
35) Methylcyclohexane	9.337	83	46202	2.471	ug/L	98
37) 1,2-Dichloropropane	9.367	63	24964	2.561	ug/L	100
38) Bromodichloromethane	9.642	83	29505	2.502	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	36927	2.408	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	27320	5.614	ug/L	99
42) Toluene	10.386	91	101880	2.513	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	29604	2.415	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	15878	2.541	ug/L	96
46) Tetrachloroethene	10.861	164	19245	2.572	ug/L	95
48) 2-Hexanone	10.971	43	14409	4.846	ug/L	98
49) Dibromochloromethane	11.129	129	16517	2.402	ug/L	99
50) 1,2-Dibromoethane	11.239	107	14114	2.437	ug/L	97
51) Chlorobenzene	11.654	112	62406	2.493	ug/L	98
52) Ethylbenzene	11.727	91	117330	2.522	ug/L	97
53) m,p-Xylene	11.837	106	45087	2.542	ug/L	98
54) o-Xylene	12.166	106	40923	2.482	ug/L	97
55) Styrene	12.178	104	65985	2.406	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.714	83	18420	2.683	ug/L	95
59) Bromoform	12.343	173	8587	2.332	ug/L #	99
60) Isopropylbenzene	12.458	105	117082	2.425	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	12852	2.476	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	94930	2.388	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	92202	2.383	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	46988	2.454	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	48142	2.542	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	41187	2.519	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	2840	2.448	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	31797	2.450	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	25769	2.493	ug/L	97
71) Naphthalene	15.360	128	45261	2.335	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	21965	2.523	ug/L	94

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

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