

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031673.D
 Acq On : 31 Jan 2025 17:45
 Operator : SY/MD
 Sample : VSTD02560
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025460

Quant Time: Feb 03 07:33:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:30:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	443145	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	131069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	145668	21.620	ug/L	0.00
7) Chloroethane-d5	2.899	69	101077	21.230	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	68991	22.940	ug/L	0.00
21) 2-Butanone-d5	7.093	46	99547	77.853	ug/L	0.00
24) Chloroform-d	7.642	84	227812	21.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	81355	16.009	ug/L	0.00
32) Benzene-d6	8.270	84	493010	25.523	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	121703	22.137	ug/L	0.00
41) Toluene-d8	10.318	98	434687	25.093	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	34905	16.400	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	48211	74.140	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86706	24.980	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	103783	23.469	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	141081	23.945	ug/L	100
3) Chloromethane	2.216	50	129340	21.719	ug/L	100
5) Vinyl chloride	2.375	62	195729	25.378	ug/L	100
6) Bromomethane	2.783	94	93431	21.485	ug/L	100
8) Chloroethane	2.936	64	95571	21.848	ug/L	100
9) Trichlorofluoromethane	3.265	101	158324	21.586	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	164669	27.464	ug/L	100
12) 1,1-Dichloroethene	4.045	96	165198	27.191	ug/L	100
13) Acetone	4.143	43	75124	73.734	ug/L	100
14) Carbon disulfide	4.393	76	516805	25.662	ug/L	100
15) Methyl Acetate	4.679	43	68789	28.460	ug/L #	100
16) Methylene chloride	4.923	84	106824	18.546	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	169974	26.286	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	140093	15.088	ug/L	100
19) 1,1-Dichloroethane	6.222	63	265624	22.675	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	146557	22.181	ug/L	100
22) 2-Butanone	7.179	43	111891	67.606	ug/L	100
23) Bromochloromethane	7.514	128	45198	18.152	ug/L	100
25) Chloroform	7.673	83	232604	21.183	ug/L	100
27) 1,2-Dichloroethane	8.398	62	113065	17.357	ug/L	100
29) Cyclohexane	7.953	56	341530	31.813	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	236676	28.192	ug/L	100
31) Carbon tetrachloride	8.069	117	222977	29.482	ug/L	100
33) Benzene	8.319	78	623281	28.156	ug/L	100
34) Trichloroethene	9.087	95	181671	30.008	ug/L	100
35) Methylcyclohexane	9.331	83	364655	32.655	ug/L	100
37) 1,2-Dichloropropane	9.367	63	122913	23.182	ug/L	100
38) Bromodichloromethane	9.642	83	129714	20.770	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	153961	19.279	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	152144	54.734	ug/L	100
42) Toluene	10.386	91	647037	28.010	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	112871	17.901	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	71015	21.306	ug/L	100
46) Tetrachloroethene	10.861	164	137896	31.204	ug/L	100
48) 2-Hexanone	10.965	43	117685	65.993	ug/L	100
49) Dibromochloromethane	11.123	129	66435	18.660	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67719	21.866	ug/L	100
51) Chlorobenzene	11.654	112	344720	24.994	ug/L	100
52) Ethylbenzene	11.727	91	739943	27.951	ug/L	100
53) m,p-Xylene	11.836	106	266709	26.738	ug/L	100
54) o-Xylene	12.160	106	234314	25.569	ug/L	100
55) Styrene	12.178	104	363898	24.336	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	88997	23.649	ug/L	100
59) Bromoform	12.342	173	36539	21.557	ug/L	100
60) Isopropylbenzene	12.458	105	761859	31.202	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70460	27.763	ug/L	100
62) 1,3,5-Trimethylbenzene	12.934	105	579333	29.408	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	510899	27.203	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	241529	26.153	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	228430	25.193	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	190171	24.467	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	19863	33.040	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	161275	25.905	ug/L	100
70) 1,2,4-trichlorobenzene	15.122	180	116703	23.993	ug/L	100
71) Naphthalene	15.360	128	232469	25.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	94855	23.033	ug/L	100

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

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