

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027280.D
 Acq On : 11 Oct 2023 11:16
 Operator : SY/MD
 Sample : VSTD02562
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025462

Quant Time: Oct 12 01:00:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 00:57:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	506764	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	470629	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	231731	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	204794	26.480	ug/L	0.00
7) Chloroethane-d5	2.899	69	152484	27.459	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	100974	26.056	ug/L	0.00
21) 2-Butanone-d5	7.075	46	145517	56.841	ug/L	0.00
24) Chloroform-d	7.648	84	404802	26.801	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	224357	27.652	ug/L	0.00
32) Benzene-d6	8.276	84	834797	26.217	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	257171	26.443	ug/L	0.00
41) Toluene-d8	10.325	98	757066	26.219	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	122022	27.376	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	117402	58.346	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	199569	27.503	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	229674	27.350	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	146337	24.226	ug/L	100
3) Chloromethane	2.228	50	176737	25.506	ug/L	100
5) Vinyl chloride	2.381	62	193595	25.012	ug/L	100
6) Bromomethane	2.789	94	108899	24.701	ug/L	100
8) Chloroethane	2.936	64	114482	25.695	ug/L	100
9) Trichlorofluoromethane	3.265	101	140572	25.743	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	175871	26.564	ug/L	100
12) 1,1-Dichloroethene	4.045	96	170659	25.517	ug/L	100
13) Acetone	4.118	43	139988	64.467	ug/L	100
14) Carbon disulfide	4.393	76	509225	24.719	ug/L	100
15) Methyl Acetate	4.673	43	109168	28.788	ug/L	100
16) Methylene chloride	4.923	84	198484	21.445	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	182975	25.624	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	339092	27.520	ug/L	100
19) 1,1-Dichloroethane	6.216	63	375489	25.770	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	208107	25.803	ug/L	100
22) 2-Butanone	7.167	43	187793	56.508	ug/L	100
23) Bromochloromethane	7.520	128	87769	26.359	ug/L	100
25) Chloroform	7.679	83	357770	26.235	ug/L	100
27) 1,2-Dichloroethane	8.398	62	247241	26.689	ug/L	100
29) Cyclohexane	7.959	56	352725	24.684	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	293351	25.553	ug/L	100
31) Carbon tetrachloride	8.069	117	261935	25.304	ug/L	100
33) Benzene	8.325	78	778829	25.322	ug/L	100
34) Trichloroethene	9.093	95	208103	25.614	ug/L	100
35) Methylcyclohexane	9.331	83	363417	25.013	ug/L	100
37) 1,2-Dichloropropane	9.367	63	214631	25.808	ug/L	100
38) Bromodichloromethane	9.642	83	266217	26.033	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	359248	26.150	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	324189	56.683	ug/L	100
42) Toluene	10.386	91	813546	25.214	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	309503	26.701	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	153850	26.884	ug/L	100
46) Tetrachloroethene	10.861	164	139600	24.884	ug/L	100
48) 2-Hexanone	10.965	43	257665	60.869	ug/L	100
49) Dibromochloromethane	11.129	129	169224	26.626	ug/L	100
50) 1,2-Dibromoethane	11.233	107	149903	27.017	ug/L	100
51) Chlorobenzene	11.654	112	514252	25.452	ug/L	100
52) Ethylbenzene	11.727	91	952699	25.409	ug/L	100
53) m,p-Xylene	11.836	106	364366	25.621	ug/L	100
54) o-Xylene	12.166	106	346923	25.475	ug/L	100
55) Styrene	12.178	104	601310	25.854	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	193973	27.765	ug/L	100
59) Bromoform	12.349	173	98544	28.579	ug/L	100
60) Isopropylbenzene	12.458	105	969511	26.632	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	144552	28.569	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	792993	26.115	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	791674	26.646	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	391101	26.493	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	383380	26.005	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	349033	26.645	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	36167	28.600	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	261162	27.252	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	221481	27.154	ug/L	100
71) Naphthalene	15.360	128	488552	29.126	ug/L	100
72) 1,2,3-Trichlorobenzene	15.555	180	173603	25.884	ug/L	100

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

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