

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025268.D
 Acq On : 03 Feb 2023 09:54
 Operator : SY/MD
 Sample : VSTD10023
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100423

Quant Time: Feb 03 11:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	396491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	347180	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	164115	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	398696	103.914	ug/L	0.00
7) Chloroethane-d5	2.897	69	327813	96.224	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1039281	97.687	ug/L	0.00
21) 2-Butanone-d5	7.073	46	198528	199.986	ug/L	-0.01
24) Chloroform-d	7.653	84	1003067	96.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	495595	97.903	ug/L	0.00
32) Benzene-d6	8.274	84	1974937	93.856	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	558065	90.644	ug/L	0.00
41) Toluene-d8	10.323	98	1736807	92.338	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	192879	83.841	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	126560	183.343	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	401203	95.825	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	550183	96.626	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.019	85	553967	117.193	ug/L	95
3) Chloromethane	2.227	50	541834	105.391	ug/L	98
5) Vinyl chloride	2.373	62	584066	111.359	ug/L	98
6) Bromomethane	2.788	94	363681	101.272	ug/L	96
8) Chloroethane	2.934	64	335157	102.363	ug/L	98
9) Trichlorofluoromethane	3.269	101	778555	103.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	558824	102.153	ug/L	95
12) 1,1-Dichloroethene	4.043	96	563597	103.786	ug/L	96
13) Acetone	4.129	43	198639	182.511	ug/L	100
14) Carbon disulfide	4.385	76	1823329	102.746	ug/L	100
15) Methyl Acetate	4.671	43	192822	117.778	ug/L	99
16) Methylene chloride	4.915	84	548591	81.279	ug/L	95
17) trans-1,2-Dichloroethene	5.433	96	589232	101.037	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	857781	102.317	ug/L	100
19) 1,1-Dichloroethane	6.220	63	1066245	102.679	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	636904	104.012	ug/L	100
22) 2-Butanone	7.171	43	262214	204.633	ug/L	99
23) Bromochloromethane	7.512	128	262712	104.160	ug/L	98
25) Chloroform	7.677	83	1073747	100.524	ug/L	99
27) 1,2-Dichloroethane	8.402	62	680800	104.649	ug/L	99
29) Cyclohexane	7.957	56	1009954	101.014	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	958604	97.343	ug/L	100
31) Carbon tetrachloride	8.073	117	890278	97.728	ug/L	99
33) Benzene	8.323	78	2337767	97.303	ug/L	100
34) Trichloroethene	9.091	95	651714	96.842	ug/L	97
35) Methylcyclohexane	9.335	83	1162018	96.736	ug/L	99
37) 1,2-Dichloropropane	9.366	63	568367	95.918	ug/L	100
38) Bromodichloromethane	9.646	83	775583	98.435	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	988855	101.921	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	538906	205.978	ug/L	100
42) Toluene	10.390	91	2141077	89.615	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	639243	92.432	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	341036	91.320	ug/L	94
46) Tetrachloroethene	10.865	164	368730	85.736	ug/L	94
48) 2-Hexanone	10.969	43	305330	184.892	ug/L	99
49) Dibromochloromethane	11.128	129	397405	94.216	ug/L	94
50) 1,2-Dibromoethane	11.237	107	369946	108.139	ug/L #	98
51) Chlorobenzene	11.658	112	1588325	101.017	ug/L	97
52) Ethylbenzene	11.731	91	3016600	105.380	ug/L	99
53) m,p-Xylene	11.835	106	1131526	104.298	ug/L	99
54) o-Xylene	12.164	106	1070131	97.985	ug/L	97
55) Styrene	12.176	104	1790486	96.825	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	443535	99.677	ug/L	99
59) Bromoform	12.347	173	261246	112.199	ug/L	99
60) Isopropylbenzene	12.463	105	3023926	108.800	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	327285	112.162	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	2511645	112.093	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2421241	107.844	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1208785	104.974	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	1160991	102.172	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	1020579	102.846	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	74557	109.399	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	809373	108.083	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	682233	111.886	ug/L	97
71) Naphthalene	15.358	128	1315413	118.010	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	578936	110.578	ug/L	99

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

