

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027281.D
 Acq On : 11 Oct 2023 11:40
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050463

Quant Time: Oct 12 01:00:39 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	508113	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	467023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	239446	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	414957	53.511	ug/L	0.00
7) Chloroethane-d5	2.893	69	312549	56.133	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	205647	52.925	ug/L	0.00
21) 2-Butanone-d5	7.075	46	247868	96.564	ug/L	0.00
24) Chloroform-d	7.648	84	818193	54.027	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	428260	52.643	ug/L	0.00
32) Benzene-d6	8.276	84	1699258	53.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	517016	53.571	ug/L	0.00
41) Toluene-d8	10.325	98	1517564	52.963	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	234050	52.915	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	204737	102.535	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	363991	50.550	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	439828	50.688	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	305112	50.377	ug/L	# 82
3) Chloromethane	2.229	50	356589	51.324	ug/L	99
5) Vinyl chloride	2.375	62	382106	49.235	ug/L	100
6) Bromomethane	2.789	94	222336	50.298	ug/L	98
8) Chloroethane	2.930	64	228662	51.186	ug/L	97
9) Trichlorofluoromethane	3.271	101	298466	54.512	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	349477	52.645	ug/L	96
12) 1,1-Dichloroethene	4.045	96	341736	50.961	ug/L	100
13) Acetone	4.112	43	228420	104.912	ug/L	98
14) Carbon disulfide	4.393	76	1011522	48.971	ug/L	100
15) Methyl Acetate	4.667	43	185295	48.732	ug/L	99
16) Methylene chloride	4.923	84	371152	39.995	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	362917	50.688	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	618181	50.037	ug/L	100
19) 1,1-Dichloroethane	6.216	63	755609	51.720	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	411242	50.855	ug/L	99
22) 2-Butanone	7.167	43	294327	88.329	ug/L	98
23) Bromochloromethane	7.514	128	170556	51.086	ug/L	98
25) Chloroform	7.679	83	701288	51.288	ug/L	94
27) 1,2-Dichloroethane	8.398	62	468939	50.487	ug/L	99
29) Cyclohexane	7.959	56	700370	49.391	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	579675	50.884	ug/L	99
31) Carbon tetrachloride	8.075	117	516841	50.314	ug/L	98
33) Benzene	8.325	78	1533833	50.254	ug/L	100
34) Trichloroethene	9.087	95	406356	50.402	ug/L	98
35) Methylcyclohexane	9.337	83	716668	49.707	ug/L	99
37) 1,2-Dichloropropane	9.368	63	420501	50.953	ug/L	99
38) Bromodichloromethane	9.642	83	515773	50.826	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	695059	50.985	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	549262	96.778	ug/L	100
42) Toluene	10.386	91	1632988	51.002	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	581468	50.550	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	287033	50.543	ug/L	96
46) Tetrachloroethene	10.861	164	278187	49.971	ug/L	92
48) 2-Hexanone	10.965	43	421655	100.378	ug/L	99
49) Dibromochloromethane	11.123	129	320675	50.845	ug/L	96
50) 1,2-Dibromoethane	11.233	107	273750	49.718	ug/L	97
51) Chlorobenzene	11.654	112	1010166	50.382	ug/L	96
52) Ethylbenzene	11.727	91	1900829	51.088	ug/L	94
53) m,p-Xylene	11.837	106	723999	51.303	ug/L	95
54) o-Xylene	12.160	106	693752	51.336	ug/L	100
55) Styrene	12.178	104	1178895	51.079	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	338041	48.761	ug/L	98
59) Bromoform	12.349	173	172801	48.499	ug/L	96
60) Isopropylbenzene	12.458	105	1897640	50.448	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	246089	47.069	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1561171	49.756	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1533665	49.957	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	773957	50.739	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	754903	49.556	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	672649	49.695	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	59939	45.871	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	469735	47.438	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	401076	47.588	ug/L	96
71) Naphthalene	15.360	128	796876	45.977	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	324491	46.822	ug/L	96

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

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