

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025246.D
 Acq On : 30 Jan 2023 11:20
 Operator : SY/MD
 Sample : VSTD05008
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050408

Quant Time: Jan 31 00:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 00:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	400448	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	351749	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175371	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	210596	47.097	ug/L	0.00
7) Chloroethane-d5	2.879	69	144389	50.235	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	512284	48.800	ug/L	0.00
21) 2-Butanone-d5	7.074	46	117248	96.048	ug/L	0.00
24) Chloroform-d	7.647	84	516974	48.660	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	272985	47.972	ug/L	0.00
32) Benzene-d6	8.275	84	1033768	49.560	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	293964	48.693	ug/L	0.00
41) Toluene-d8	10.323	98	960528	49.899	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	133311	50.146	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	99684	103.455	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	226895	48.789	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	305285	48.716	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	145757	58.572	ug/L	99
3) Chloromethane	2.209	50	230129	49.434	ug/L	97
5) Vinyl chloride	2.355	62	290344	49.504	ug/L	99
6) Bromomethane	2.776	94	148561	48.504	ug/L	97
8) Chloroethane	2.916	64	136463	51.754	ug/L	98
9) Trichlorofluoromethane	3.257	101	229549	51.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	302854	50.786	ug/L	99
12) 1,1-Dichloroethene	4.038	96	284214	50.838	ug/L	99
13) Acetone	4.117	43	135487	102.516	ug/L	100
14) Carbon disulfide	4.379	76	940959	51.035	ug/L	100
15) Methyl Acetate	4.665	43	108115	49.521	ug/L	98
16) Methylene chloride	4.909	84	274015	43.145	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	296275	50.841	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	430987	51.275	ug/L	99
19) 1,1-Dichloroethane	6.214	63	522422	50.342	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	313482	51.455	ug/L	96
22) 2-Butanone	7.171	43	164722	102.341	ug/L	98
23) Bromochloromethane	7.513	128	132128	50.402	ug/L	97
25) Chloroform	7.677	83	534574	50.444	ug/L	98
27) 1,2-Dichloroethane	8.397	62	356412	50.614	ug/L	99
29) Cyclohexane	7.958	56	513072	53.201	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	471660	51.644	ug/L	98
31) Carbon tetrachloride	8.067	117	438508	51.045	ug/L	99
33) Benzene	8.323	78	1176475	50.965	ug/L	100
34) Trichloroethene	9.092	95	320579	50.980	ug/L	99
35) Methylcyclohexane	9.335	83	573076	52.433	ug/L	98
37) 1,2-Dichloropropane	9.366	63	284841	51.162	ug/L	99
38) Bromodichloromethane	9.646	83	389070	52.194	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	489019	53.416	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	305529	104.987	ug/L	99
42) Toluene	10.384	91	1255433	51.461	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	413555	53.823	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	213755	51.052	ug/L	98
46) Tetrachloroethene	10.859	164	240490	51.908	ug/L	98
48) 2-Hexanone	10.963	43	231217	104.792	ug/L	99
49) Dibromochloromethane	11.128	129	246589	51.704	ug/L	99
50) 1,2-Dibromoethane	11.231	107	207887	51.546	ug/L	95
51) Chlorobenzene	11.652	112	797867	51.086	ug/L	99
52) Ethylbenzene	11.725	91	1469775	51.900	ug/L	98
53) m,p-Xylene	11.835	106	560113	52.044	ug/L	98
54) o-Xylene	12.164	106	530530	52.509	ug/L	98
55) Styrene	12.176	104	910340	53.510	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	243381	50.335	ug/L	99
59) Bromoform	12.347	173	137859	47.560	ug/L	98
60) Isopropylbenzene	12.463	105	1519239	49.456	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	182408	47.257	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	1282908	52.850	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1262076	53.133	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	619975	50.188	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	612754	49.922	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	539511	52.035	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	43491	47.935	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	348199	42.719	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	273642	41.891	ug/L	96
71) Naphthalene	15.359	128	599082	45.423	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	253241	42.910	ug/L	99

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

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