

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101123\
 Data File : VW027291.D
 Acq On : 11 Oct 2023 16:53
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Oct 12 01:21:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 12 01:13:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	490196	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	446177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	226503	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	192974	25.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.160%	
7) Chloroethane-d5	2.899	69	146059	27.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.760%	
11) 1,1-Dichloroethene-d2	4.021	65	94822	25.295	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.200%	
21) 2-Butanone-d5	7.075	46	145080	58.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.700%	
24) Chloroform-d	7.648	84	384616	26.325	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.320%	
26) 1,2-Dichloroethane-d4	8.307	65	220563	28.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.400%	
32) Benzene-d6	8.276	84	797573	26.421	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.680%	
36) 1,2-Dichloropropane-d6	9.270	67	245777	26.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.640%	
41) Toluene-d8	10.325	98	713279	26.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.240%	
43) trans-1,3-Dichloroprop...	10.575	79	116717	27.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.040%	
47) 2-Hexanone-d5	10.922	63	118195	61.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.920%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	199819	29.047	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 116.200%	
66) 1,2-Dichlorobenzene-d4	13.849	152	214270	26.105	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	131378	22.525	ug/L #	88
3) Chloromethane	2.229	50	163690	24.421	ug/L	98
5) Vinyl chloride	2.375	62	179302	23.948	ug/L	98
6) Bromomethane	2.790	94	104009	24.389	ug/L	97
8) Chloroethane	2.930	64	107115	24.854	ug/L	100
9) Trichlorofluoromethane	3.265	101	129926	24.597	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	149357	22.581	ug/L #	80
12) 1,1-Dichloroethene	4.045	96	154266	23.999	ug/L	97
13) Acetone	4.125	43	132042	61.482	ug/L	98
14) Carbon disulfide	4.393	76	466716	23.421	ug/L	99
15) Methyl Acetate	4.673	43	106136	28.935	ug/L	99
16) Methylene chloride	4.917	84	191570	21.350	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	167304	24.218	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	320756	26.912	ug/L	99
19) 1,1-Dichloroethane	6.222	63	349795	24.818	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	193828	24.845	ug/L	96
22) 2-Butanone	7.167	43	169649	52.774	ug/L	100
23) Bromochloromethane	7.520	128	80701	25.055	ug/L	94
25) Chloroform	7.679	83	334293	25.342	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	240457	26.834	ug/L	100
29) Cyclohexane	7.959	56	321847	23.758	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	274739	25.243	ug/L	100
31) Carbon tetrachloride	8.069	117	243580	24.820	ug/L	97
33) Benzene	8.325	78	721915	24.758	ug/L	100
34) Trichloroethene	9.093	95	190180	24.691	ug/L	97
35) Methylcyclohexane	9.331	83	325395	23.624	ug/L	98
37) 1,2-Dichloropropane	9.368	63	200397	25.417	ug/L	100
38) Bromodichloromethane	9.642	83	253136	26.110	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	332810	25.554	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	312505	57.635	ug/L	100
42) Toluene	10.386	91	764803	25.002	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	284754	25.912	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	145118	26.747	ug/L	97
46) Tetrachloroethene	10.861	164	129669	24.381	ug/L	95
48) 2-Hexanone	10.965	43	235055	58.571	ug/L	100
49) Dibromochloromethane	11.130	129	157739	26.179	ug/L	96
50) 1,2-Dibromoethane	11.233	107	137978	26.230	ug/L	97
51) Chlorobenzene	11.660	112	477475	24.927	ug/L	97
52) Ethylbenzene	11.727	91	893622	25.140	ug/L	97
53) m,p-Xylene	11.837	106	329989	24.476	ug/L	99
54) o-Xylene	12.160	106	319209	24.724	ug/L	95
55) Styrene	12.178	104	554949	25.168	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	185175	27.959	ug/L	98
59) Bromoform	12.349	173	90486	26.847	ug/L	97
60) Isopropylbenzene	12.459	105	870334	24.460	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	140347	28.378	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	733604	24.717	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	724096	24.934	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	357305	24.763	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	358888	24.906	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	323280	25.249	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	33891	27.419	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	239224	25.539	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	196611	24.661	ug/L	98
71) Naphthalene	15.360	128	431134	26.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	171360	26.139	ug/L	90

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

