

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
 Data File : VW027513.D
 Acq On : 01 Nov 2023 19:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Nov 02 03:38:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320065	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294659	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154189	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	86306	17.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
7) Chloroethane-d5	2.893	69	78870	22.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
11) 1,1-Dichloroethene-d2	4.021	65	45129	18.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.760%
21) 2-Butanone-d5	7.075	46	83834	51.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.280%
24) Chloroform-d	7.648	84	242215	25.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.560%
26) 1,2-Dichloroethane-d4	8.307	65	123735	24.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	8.270	84	457496	22.949	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	9.270	67	152187	24.993	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	10.325	98	384498	21.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.080%
43) trans-1,3-Dichloroprop...	10.575	79	52681	18.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.920%
47) 2-Hexanone-d5	10.922	63	61070	48.475	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126457	27.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	133596	23.910	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85247	22.385	ug/L	96
3) Chloromethane	2.216	50	109809	25.091	ug/L	100
5) Vinyl chloride	2.375	62	125984	25.771	ug/L	97
6) Bromomethane	2.783	94	66352	23.829	ug/L	95
8) Chloroethane	2.930	64	76777	27.284	ug/L	97
9) Trichlorofluoromethane	3.265	101	94450	27.386	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	114501	26.513	ug/L	96
12) 1,1-Dichloroethene	4.045	96	108910	25.950	ug/L	83
13) Acetone	4.131	43	63794	45.493	ug/L	99
14) Carbon disulfide	4.387	76	267644	20.571	ug/L	100
15) Methyl Acetate	4.673	43	58065	24.244	ug/L	100
16) Methylene chloride	4.917	84	131991	22.529	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	116038	25.726	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	197148	25.333	ug/L	99
19) 1,1-Dichloroethane	6.222	63	262473	28.521	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	138036	27.099	ug/L	99
22) 2-Butanone	7.173	43	83808	39.929	ug/L	98
23) Bromochloromethane	7.514	128	53968	25.662	ug/L	92
25) Chloroform	7.679	83	255377	29.650	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	156862	26.810	ug/L	97
29) Cyclohexane	7.959	56	218375	24.409	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	195587	27.211	ug/L	98
31) Carbon tetrachloride	8.075	117	167766	25.885	ug/L	97
33) Benzene	8.325	78	533368	27.697	ug/L	100
34) Trichloroethene	9.093	95	137562	27.043	ug/L	94
35) Methylcyclohexane	9.337	83	224897	24.723	ug/L	99
37) 1,2-Dichloropropane	9.367	63	149132	28.641	ug/L	99
38) Bromodichloromethane	9.642	83	173791	27.144	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	214341	24.920	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	182577	50.987	ug/L	98
42) Toluene	10.386	91	553837	27.416	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	174917	24.102	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	99637	27.808	ug/L	95
46) Tetrachloroethene	10.861	164	93988	26.759	ug/L	95
48) 2-Hexanone	10.965	43	125659	47.413	ug/L	97
49) Dibromochloromethane	11.129	129	98818	24.834	ug/L	93
50) 1,2-Dibromoethane	11.233	107	85376	24.576	ug/L #	100
51) Chlorobenzene	11.654	112	342850	27.103	ug/L	98
52) Ethylbenzene	11.727	91	644949	27.474	ug/L	96
53) m,p-Xylene	11.836	106	238190	26.751	ug/L	95
54) o-Xylene	12.160	106	234357	27.486	ug/L	93
55) Styrene	12.178	104	401400	27.565	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	120309	27.505	ug/L	99
59) Bromoform	12.349	173	50676	22.087	ug/L	98
60) Isopropylbenzene	12.458	105	659819	27.240	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	84817	25.193	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	516809	25.579	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	516161	26.110	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	260692	26.540	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	256237	26.122	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	229163	26.292	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16983	20.184	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	162848	25.539	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	128199	23.622	ug/L	96
71) Naphthalene	15.360	128	243487	21.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105249	23.584	ug/L	93

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

