

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031573.D
 Acq On : 17 Jan 2025 14:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.06g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Jan 18 00:40:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 18 00:35:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	643070	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	567639	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268517	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	159719	15.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.320%
7) Chloroethane-d5	2.899	69	119008	16.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.040%
11) 1,1-Dichloroethene-d2	4.015	65	78953	17.585	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.360%
21) 2-Butanone-d5	7.094	46	79407	48.952	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.900%
24) Chloroform-d	7.648	84	343559	20.643	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.560%
26) 1,2-Dichloroethane-d4	8.307	65	180593	22.047	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	8.270	84	699837	19.628	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	9.270	67	211030	20.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.200%
41) Toluene-d8	10.319	98	629475	19.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.240%
43) trans-1,3-Dichloroprop...	10.575	79	89493	20.701	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.800%
47) 2-Hexanone-d5	10.922	63	55090	51.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150613	23.394	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	193433	20.539	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	137833	16.479	ug/L	99
3) Chloromethane	2.222	50	154449	17.816	ug/L	100
5) Vinyl chloride	2.375	62	208025	18.813	ug/L	99
6) Bromomethane	2.789	94	123264	19.072	ug/L	97
8) Chloroethane	2.930	64	121999	18.769	ug/L	100
9) Trichlorofluoromethane	3.265	101	185727	16.907	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	163114	19.392	ug/L	97
12) 1,1-Dichloroethene	4.039	96	170264	19.897	ug/L	98
13) Acetone	4.155	43	59621m	47.757	ug/L	
14) Carbon disulfide	4.387	76	563720	19.557	ug/L	100
15) Methyl Acetate	4.679	43	80191	24.519	ug/L #	73
16) Methylene chloride	4.917	84	187067	21.359	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	193324	21.035	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	353284	23.972	ug/L	99
19) 1,1-Dichloroethane	6.216	63	377656	21.840	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	216920	22.105	ug/L	98
22) 2-Butanone	7.185	43	102904	48.262	ug/L	99
23) Bromochloromethane	7.514	128	89660	23.331	ug/L	93
25) Chloroform	7.673	83	365998	22.253	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	239363	23.629	ug/L	99
29) Cyclohexane	7.953	56	346729	19.058	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	291219	19.763	ug/L	100
31) Carbon tetrachloride	8.069	117	262652	20.104	ug/L	98
33) Benzene	8.319	78	825563	21.250	ug/L	100
34) Trichloroethene	9.087	95	212893	20.383	ug/L	97
35) Methylcyclohexane	9.331	83	351912	18.793	ug/L	99
37) 1,2-Dichloropropane	9.368	63	214263	21.943	ug/L	100
38) Bromodichloromethane	9.642	83	260594	22.063	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	341522	22.234	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	240971	49.442	ug/L	98
42) Toluene	10.386	91	867801	21.369	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	280997	22.887	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	147781	23.612	ug/L	97
46) Tetrachloroethene	10.861	164	149437	19.938	ug/L	95
48) 2-Hexanone	10.965	43	158455	53.202	ug/L	99
49) Dibromochloromethane	11.123	129	159437	23.152	ug/L	93
50) 1,2-Dibromoethane	11.233	107	139366	24.026	ug/L	94
51) Chlorobenzene	11.654	112	549132	21.898	ug/L	99
52) Ethylbenzene	11.727	91	993755	21.327	ug/L	98
53) m,p-Xylene	11.837	106	369297	20.786	ug/L	99
54) o-Xylene	12.160	106	363277	22.002	ug/L	97
55) Styrene	12.178	104	614344	22.361	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	171459	24.931	ug/L	98
59) Bromoform	12.349	173	85155	23.800	ug/L	99
60) Isopropylbenzene	12.458	105	965923	20.592	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	125074	24.804	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	802791	20.785	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	785938	20.907	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	391213	21.028	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	397393	21.597	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	361095	22.728	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	27849	24.703	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	246151	19.524	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	220397	21.947	ug/L	97
71) Naphthalene	15.354	128	469018	24.908	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	184868	21.857	ug/L	97

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

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