

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031605.D
 Acq On : 28 Jan 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Jan 29 07:31:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/29/2025
 Supervised By : Mahesh Dadoda 01/29/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	597535	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	516332	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	239923	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	182463	19.460	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.840%		
7) Chloroethane-d5	2.899	69	148185	22.130	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.520%		
11) 1,1-Dichloroethene-d2	4.015	65	96890	23.225	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.880%		
21) 2-Butanone-d5	7.087	46	94276	62.548	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	125.100%		
24) Chloroform-d	7.642	84	425509	27.516	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	110.080%		
26) 1,2-Dichloroethane-d4	8.301	65	214014	28.118	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.480%		
32) Benzene-d6	8.270	84	851838	26.265	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.040%		
36) 1,2-Dichloropropane-d6	9.270	67	258000	26.942	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	107.760%		
41) Toluene-d8	10.319	98	767371	26.210	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.840%		
43) trans-1,3-Dichloroprop...	10.575	79	106681	27.129	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	108.520%		
47) 2-Hexanone-d5	10.922	63	64989	66.503	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	133.000%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	182908	31.234	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	124.920%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	232753	27.659	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	154166	19.836	ug/L	98
3) Chloromethane	2.216	50	151295	18.782	ug/L	98
5) Vinyl chloride	2.369	62	214679	20.894	ug/L	97
6) Bromomethane	2.789	94	123773	20.610	ug/L	97
8) Chloroethane	2.930	64	126474	20.940	ug/L	97
9) Trichlorofluoromethane	3.265	101	199319	19.526	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	186865	23.908	ug/L	95
12) 1,1-Dichloroethene	4.039	96	182053	22.896	ug/L	96
13) Acetone	4.155	43	57943m	49.949	ug/L	
14) Carbon disulfide	4.387	76	544391	20.326	ug/L	99
15) Methyl Acetate	4.685	43	76631	25.216	ug/L #	75
16) Methylene chloride	4.911	84	185454	22.789	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	195740	22.921	ug/L	98
18) Methyl tert-butyl Ether	5.417	73	338504	24.719	ug/L	99
19) 1,1-Dichloroethane	6.216	63	387627	24.125	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	215547	23.639	ug/L	96
22) 2-Butanone	7.179	43	92202	46.539	ug/L	98
23) Bromochloromethane	7.514	128	89117	24.957	ug/L	97
25) Chloroform	7.673	83	372984	24.406	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	235451	25.014	ug/L	99
29) Cyclohexane	7.953	56	367516	22.208	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	311418	23.234	ug/L	98
31) Carbon tetrachloride	8.063	117	279948	23.557	ug/L	97
33) Benzene	8.319	78	840332	23.780	ug/L	100
34) Trichloroethene	9.087	95	216930	22.833	ug/L	96
35) Methylcyclohexane	9.331	83	374691	21.997	ug/L	99
37) 1,2-Dichloropropane	9.361	63	217340	24.470	ug/L	99
38) Bromodichloromethane	9.642	83	257757	23.992	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	344836	24.681	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	223708	50.461	ug/L	99
42) Toluene	10.386	91	874998	23.687	ug/L	100
44) trans-1,3-Dichloropropene	10.599	75	278309	24.920	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	145076	25.483	ug/L	96
46) Tetrachloroethene	10.861	164	150357	22.054	ug/L	95
48) 2-Hexanone	10.965	43	146706	54.151	ug/L	100
49) Dibromochloromethane	11.123	129	156717	25.019	ug/L	98
50) 1,2-Dibromoethane	11.227	107	136050	25.785	ug/L	98
51) Chlorobenzene	11.654	112	548782	24.059	ug/L	99
52) Ethylbenzene	11.727	91	1009736	23.823	ug/L	98
53) m,p-Xylene	11.830	106	376724	23.311	ug/L	99
54) o-Xylene	12.160	106	361764	24.087	ug/L	93
55) Styrene	12.172	104	611653	24.475	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	162836	26.030	ug/L	97
59) Bromoform	12.343	173	80773	25.266	ug/L	99
60) Isopropylbenzene	12.458	105	996391	23.773	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	121911	27.058	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	816325	23.654	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	792888	23.605	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	392039	23.583	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	390539	23.754	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	343509	24.198	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	26334	26.143	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	249796	22.174	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	204300	22.769	ug/L	98
71) Naphthalene	15.354	128	434744	25.839	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	178020	23.556	ug/L	97

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

