

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031630.D
 Acq On : 29 Jan 2025 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025489

Quant Time: Jan 30 07:24:27 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 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	529198	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	470928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	217563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	154487	18.604	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.400%		
7) Chloroethane-d5	2.899	69	130549	22.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.040%		
11) 1,1-Dichloroethene-d2	4.015	65	80993	21.921	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.680%		
21) 2-Butanone-d5	7.087	46	85478	64.034	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.060%		
24) Chloroform-d	7.642	84	366973	26.795	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	107.160%		
26) 1,2-Dichloroethane-d4	8.301	65	188403	27.949	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	111.800%		
32) Benzene-d6	8.270	84	734879	24.843	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.360%		
36) 1,2-Dichloropropane-d6	9.270	67	224909	25.751	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.000%		
41) Toluene-d8	10.319	98	660522	24.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.960%		
43) trans-1,3-Dichloroprop...	10.575	79	89713	25.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.040%		
47) 2-Hexanone-d5	10.922	63	56395	63.273	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.540%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	161900	30.312	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	121.240%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	206910	27.115	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	133564	19.405	ug/L	99
3) Chloromethane	2.216	50	134795	18.895	ug/L	98
5) Vinyl chloride	2.375	62	190982	20.988	ug/L	99
6) Bromomethane	2.789	94	113308	21.304	ug/L	100
8) Chloroethane	2.936	64	113449	21.210	ug/L	99
9) Trichlorofluoromethane	3.265	101	164992	18.251	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	165078	23.848	ug/L	91
12) 1,1-Dichloroethene	4.045	96	160692	22.820	ug/L	88
13) Acetone	4.155	43	53410m	51.987	ug/L	
14) Carbon disulfide	4.387	76	464177	19.569	ug/L	99
15) Methyl Acetate	4.685	43	67625	25.126	ug/L #	76
16) Methylene chloride	4.917	84	168497	23.379	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	172183	22.766	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	293652	24.213	ug/L	99
19) 1,1-Dichloroethane	6.216	63	341460	23.996	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	192974	23.897	ug/L	98
22) 2-Butanone	7.179	43	83360	47.509	ug/L	97
23) Bromochloromethane	7.508	128	79106	25.014	ug/L	96
25) Chloroform	7.673	83	331161	24.468	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	209084	25.081	ug/L	97
29) Cyclohexane	7.953	56	316744	20.985	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	270421	22.120	ug/L	99
31) Carbon tetrachloride	8.069	117	240872	22.223	ug/L	99
33) Benzene	8.319	78	738453	22.912	ug/L	100
34) Trichloroethene	9.087	95	195936	22.612	ug/L	97
35) Methylcyclohexane	9.331	83	332596	21.409	ug/L	100
37) 1,2-Dichloropropane	9.367	63	190418	23.506	ug/L	100
38) Bromodichloromethane	9.642	83	228787	23.348	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	297874	23.375	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	198906	49.192	ug/L	100
42) Toluene	10.386	91	774978	23.002	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	239883	23.550	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	129527	24.945	ug/L	99
46) Tetrachloroethene	10.855	164	138404	22.258	ug/L	92
48) 2-Hexanone	10.965	43	132232	53.515	ug/L	99
49) Dibromochloromethane	11.123	129	135914	23.790	ug/L	92
50) 1,2-Dibromoethane	11.233	107	120607	25.062	ug/L	95
51) Chlorobenzene	11.654	112	492946	23.695	ug/L	99
52) Ethylbenzene	11.727	91	897045	23.205	ug/L	97
53) m,p-Xylene	11.830	106	342585	23.242	ug/L	97
54) o-Xylene	12.160	106	325189	23.739	ug/L	98
55) Styrene	12.178	104	546854	23.992	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	147083	25.779	ug/L	98
59) Bromoform	12.349	173	67841	23.401	ug/L	97
60) Isopropylbenzene	12.458	105	884306	23.267	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	109271	26.745	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	743850	23.769	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	705574	23.165	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	365142	24.223	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	360440	24.176	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	312926	24.309	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	22943	25.118	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	233012	22.810	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	195972	24.085	ug/L	97
71) Naphthalene	15.354	128	403579	26.452	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	161161	23.517	ug/L	97

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

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