

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031626.D
 Acq On : 28 Jan 2025 18:17
 Operator : SY/MD
 Sample : Q1189-09MS
 Misc : 8.25g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R1MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 07:34:53 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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	911001	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	800861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	361165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	190865	13.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.400%		
7) Chloroethane-d5	2.893	69	148020m	14.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.000%		
11) 1,1-Dichloroethene-d2	4.021	65	96208	15.126	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.520%		
21) 2-Butanone-d5	7.087	46	157243	68.427	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	136.860%#		
24) Chloroform-d	7.648	84	469615	19.919	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.680%		
26) 1,2-Dichloroethane-d4	8.300	65	263748	22.728	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.920%		
32) Benzene-d6	8.270	84	915369	18.196	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.800%		
36) 1,2-Dichloropropane-d6	9.270	67	301100	20.272	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.080%		
41) Toluene-d8	10.318	98	807301	17.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	71.120%		
43) trans-1,3-Dichloroprop...	10.574	79	129794	21.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.120%		
47) 2-Hexanone-d5	10.922	63	116142	76.624	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	153.240%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	272991	30.055	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	120.200%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	258265	20.388	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	214908	18.137	ug/L	96
3) Chloromethane	2.222	50	232874	18.962	ug/L	98
5) Vinyl chloride	2.375	62	275877	17.611	ug/L	98
6) Bromomethane	2.789	94	155399	16.973	ug/L	98
8) Chloroethane	2.929	64	158499	17.213	ug/L	97
9) Trichlorofluoromethane	3.259	101	243387	15.639	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	239706	20.116	ug/L	96
12) 1,1-Dichloroethene	4.045	96	234727	19.363	ug/L	98
13) Acetone	4.143	43	132939m	75.167	ug/L	
14) Carbon disulfide	4.393	76	663934	16.260	ug/L	100
15) Methyl Acetate	4.673	43	142211m	30.693	ug/L	
16) Methylene chloride	4.923	84	258315	20.820	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	256657	19.713	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	544226	26.067	ug/L	99
19) 1,1-Dichloroethane	6.215	63	515029	21.025	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	298823	21.496	ug/L	98
22) 2-Butanone	7.173	43	204190	67.601	ug/L	100
23) Bromochloromethane	7.508	128	132368	24.314	ug/L	97
25) Chloroform	7.673	83	511968	21.973	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031626.D
 Acq On : 28 Jan 2025 18:17
 Operator : SY/MD
 Sample : Q1189-09MS
 Misc : 8.25g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R1MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 07:34:53 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	360720	25.136	ug/L	100
29) Cyclohexane	7.953	56	456982	17.803	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	391020	18.808	ug/L	100
31) Carbon tetrachloride	8.063	117	354500	19.232	ug/L	99
33) Benzene	8.319	78	1114410	20.332	ug/L	100
34) Trichloroethene	9.087	95	286022	19.409	ug/L	96
35) Methylcyclohexane	9.331	83	436807	16.533	ug/L	99
37) 1,2-Dichloropropane	9.361	63	303157	22.006	ug/L	99
38) Bromodichloromethane	9.642	83	375724	22.547	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	483812	22.325	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	472387	68.697	ug/L	98
42) Toluene	10.385	91	1145708	19.996	ug/L	95
44) trans-1,3-Dichloropropene	10.599	75	414135	23.908	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	233824	26.480	ug/L	97
46) Tetrachloroethene	10.855	164	186728	17.658	ug/L	93
48) 2-Hexanone	10.965	43	332338	79.089	ug/L	99
49) Dibromochloromethane	11.123	129	244749	25.191	ug/L	91
50) 1,2-Dibromoethane	11.233	107	224837	27.473	ug/L	91
51) Chlorobenzene	11.654	112	724455	20.477	ug/L	99
52) Ethylbenzene	11.727	91	1295024	19.699	ug/L	98
53) m,p-Xylene	11.836	106	486341	19.402	ug/L	96
54) o-Xylene	12.160	106	476773	20.467	ug/L	98
55) Styrene	12.178	104	791586	20.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	303114	31.240	ug/L	100
59) Bromoform	12.342	173	137464	28.564	ug/L	100
60) Isopropylbenzene	12.458	105	1233563	19.552	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	224066	33.037	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	1006936	19.382	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	986733	19.515	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	503278	20.112	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	502126	20.288	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	468568	21.927	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	54719	36.087	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	280476	16.539	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	251739	18.637	ug/L	98
71) Naphthalene	15.354	128	746820	29.487	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	230379	20.251	ug/L	94

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

