

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031586.D
 Acq On : 27 Jan 2025 09:09
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025485

Quant Time: Jan 28 00:11:05 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2025
 Supervised By :Mahesh Dadoda 01/28/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	656929	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	563705	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	265251	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	214529	20.811	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.240%		
7) Chloroethane-d5	2.899	69	167841	22.799	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.200%		
11) 1,1-Dichloroethene-d2	4.021	65	110202	24.027	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.120%		
21) 2-Butanone-d5	7.094	46	98507	59.446	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.900%		
24) Chloroform-d	7.648	84	449765	26.455	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.800%		
26) 1,2-Dichloroethane-d4	8.307	65	226718	27.094	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.360%		
32) Benzene-d6	8.276	84	920874	26.007	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.040%		
36) 1,2-Dichloropropane-d6	9.270	67	278459	26.635	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.560%		
41) Toluene-d8	10.319	98	836696	26.176	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	104.720%		
43) trans-1,3-Dichloroprop...	10.575	79	115771	26.966	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	107.880%		
47) 2-Hexanone-d5	10.922	63	63984	59.972	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183727	28.737	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.960%		
66) 1,2-Dichlorobenzene-d4	13.848	152	244417	26.272	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	161708	18.926	ug/L	97
3) Chloromethane	2.222	50	158848	17.937	ug/L	98
5) Vinyl chloride	2.369	62	222783	19.722	ug/L	99
6) Bromomethane	2.789	94	124842	18.909	ug/L	95
8) Chloroethane	2.936	64	131511	19.806	ug/L	98
9) Trichlorofluoromethane	3.271	101	227165	20.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	185555	21.594	ug/L	96
12) 1,1-Dichloroethene	4.039	96	183897	21.037	ug/L	89
13) Acetone	4.167	43	57504m	45.089	ug/L	
14) Carbon disulfide	4.387	76	565398	19.202	ug/L	99
15) Methyl Acetate	4.685	43	70775	21.183	ug/L #	74
16) Methylene chloride	4.917	84	184302	20.600	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	193297	20.588	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	336048	22.321	ug/L	99
19) 1,1-Dichloroethane	6.222	63	372745	21.102	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	212293	21.177	ug/L	96
22) 2-Butanone	7.185	43	89713	41.188	ug/L	98
23) Bromochloromethane	7.514	128	85532	21.787	ug/L	98
25) Chloroform	7.679	83	358570	21.342	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	225975	21.837	ug/L	100
29) Cyclohexane	7.953	56	368350	20.388	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	309098	21.123	ug/L	99
31) Carbon tetrachloride	8.069	117	278464	21.463	ug/L	98
33) Benzene	8.325	78	808079	20.946	ug/L	100
34) Trichloroethene	9.087	95	213399	20.574	ug/L	98
35) Methylcyclohexane	9.331	83	378446	20.351	ug/L	99
37) 1,2-Dichloropropane	9.367	63	204265	21.065	ug/L	100
38) Bromodichloromethane	9.642	83	250749	21.378	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	329133	21.577	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	204075	42.164	ug/L	99
42) Toluene	10.386	91	835589	20.719	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	265998	21.816	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	136015	21.884	ug/L	97
46) Tetrachloroethene	10.861	164	152980	20.553	ug/L	91
48) 2-Hexanone	10.965	43	132938	44.946	ug/L	100
49) Dibromochloromethane	11.123	129	149217	21.820	ug/L	99
50) 1,2-Dibromoethane	11.233	107	126488	21.958	ug/L	97
51) Chlorobenzene	11.654	112	522541	20.983	ug/L	97
52) Ethylbenzene	11.727	91	963771	20.828	ug/L	98
53) m,p-Xylene	11.837	106	372186	21.095	ug/L	97
54) o-Xylene	12.160	106	348893	21.278	ug/L	97
55) Styrene	12.178	104	586177	21.485	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	151447	22.175	ug/L	98
59) Bromoform	12.349	173	79072	22.372	ug/L	99
60) Isopropylbenzene	12.458	105	973245	21.003	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	110577	22.199	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	800231	20.973	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	768674	20.699	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	395638	21.527	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	376409	20.708	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	333794	21.268	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	24527	22.024	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	256003	20.555	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	210807	21.251	ug/L	98
71) Naphthalene	15.354	128	413647	22.238	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	178199	21.328	ug/L	96

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

