

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031669.D
 Acq On : 30 Jan 2025 20:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Jan 31 08:34:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 31 07:33:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	184249	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	123953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	53378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	99149	34.294	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 137.160%			
7) Chloroethane-d5	2.899	69	59640	28.885	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.520%			
11) 1,1-Dichloroethene-d2	4.021	65	46495	36.144	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 144.560%#			
21) 2-Butanone-d5	7.087	46	51307	110.394	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 220.780%#			
24) Chloroform-d	7.648	84	109751	23.016	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.080%			
26) 1,2-Dichloroethane-d4	8.301	65	42941	18.296	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 73.200%			
32) Benzene-d6	8.270	84	250282	32.145	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 128.600%			
36) 1,2-Dichloropropane-d6	9.270	67	58437	25.420	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.680%			
41) Toluene-d8	10.319	98	223008	31.729	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 126.920%			
43) trans-1,3-Dichloroprop...	10.575	79	17177	18.196	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 72.800%			
47) 2-Hexanone-d5	10.922	63	23864	101.723	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 203.440%#			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	41358	29.419	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.680%			
66) 1,2-Dichlorobenzene-d4	13.848	152	49077	26.214	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	83626	34.896	ug/L	92
3) Chloromethane	2.216	50	64951	26.150	ug/L	97
5) Vinyl chloride	2.375	62	107996	34.087	ug/L	99
6) Bromomethane	2.789	94	43790	23.648	ug/L	99
8) Chloroethane	2.936	64	53912	28.949	ug/L	96
9) Trichlorofluoromethane	3.265	101	102763	32.649	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	103270	42.850	ug/L	98
12) 1,1-Dichloroethene	4.045	96	93131	37.986	ug/L	93
13) Acetone	4.143	43	34527	96.526	ug/L #	56
14) Carbon disulfide	4.393	76	265715	32.175	ug/L	99
15) Methyl Acetate	4.685	43	28913	30.854	ug/L #	73
16) Methylene chloride	4.923	84	44420	17.702	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	79502	30.191	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	60912	14.425	ug/L	99
19) 1,1-Dichloroethane	6.216	63	120324	24.287	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	59996	21.339	ug/L	93
22) 2-Butanone	7.179	43	52857m	86.523	ug/L	
23) Bromochloromethane	7.514	128	19148	17.390	ug/L	96
25) Chloroform	7.673	83	99315	21.076	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	48216	16.613	ug/L	100
29) Cyclohexane	7.953	56	210175	52.903	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	131272	40.796	ug/L	98
31) Carbon tetrachloride	8.069	117	127587	44.722	ug/L	96
33) Benzene	8.319	78	264758	31.209	ug/L	100
34) Trichloroethene	9.087	95	84798	37.179	ug/L	93
35) Methylcyclohexane	9.331	83	218358	53.400	ug/L	99
37) 1,2-Dichloropropane	9.368	63	50242	23.563	ug/L	99
38) Bromodichloromethane	9.642	83	52962	20.535	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	64625	19.267	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	67757	63.664	ug/L	99
42) Toluene	10.386	91	286932	32.356	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	46869	17.482	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	28407	20.785	ug/L	99
46) Tetrachloroethene	10.855	164	70543	43.100	ug/L	95
48) 2-Hexanone	10.965	43	54094	83.173	ug/L	99
49) Dibromochloromethane	11.129	129	27544	18.317	ug/L	99
50) 1,2-Dibromoethane	11.227	107	27332	21.578	ug/L	98
51) Chlorobenzene	11.654	112	141332	25.810	ug/L	97
52) Ethylbenzene	11.727	91	345122	33.919	ug/L	98
53) m,p-Xylene	11.837	106	126512	32.609	ug/L	92
54) o-Xylene	12.160	106	101961	28.279	ug/L	100
55) Styrene	12.178	104	147701	24.619	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	36999	24.637	ug/L	99
59) Bromoform	12.349	173	13794	19.394	ug/L	95
60) Isopropylbenzene	12.458	105	391430	41.978	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	30610	30.537	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	274675	35.774	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	234429	31.370	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	99022	26.774	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	95196	26.025	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	76045	24.078	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8111	36.193	ug/L	97
69) 1,3,5-Trichlorobenzene	14.617	180	67144	26.790	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	47880	23.985	ug/L	97
71) Naphthalene	15.354	128	100444	26.834	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	39021	23.208	ug/L	95

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

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