

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031603.D
 Acq On : 27 Jan 2025 19:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050486

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 01:54:20 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	629080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	572459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	266377	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	108903	11.032	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	44.120%		
7) Chloroethane-d5	2.893	69	91119	12.925	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.720%		
11) 1,1-Dichloroethene-d2	4.015	65	56678	12.905	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.600%		
21) 2-Butanone-d5	7.087	46	68129	42.934	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.860%		
24) Chloroform-d	7.642	84	283978	17.443	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.760%		
26) 1,2-Dichloroethane-d4	8.301	65	147398	18.394	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.560%		
32) Benzene-d6	8.270	84	552025	15.352	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	61.400%		
36) 1,2-Dichloropropane-d6	9.270	67	170099	16.021	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	64.080%#		
41) Toluene-d8	10.318	98	500006	15.403	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	61.600%		
43) trans-1,3-Dichloroprop...	10.575	79	72229	16.567	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.280%		
47) 2-Hexanone-d5	10.922	63	47649	43.979	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.960%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129410	19.932	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.720%		
66) 1,2-Dichlorobenzene-d4	13.848	152	160483	17.177	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	68.720%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	143828	17.578	ug/L	97
3) Chloromethane	2.216	50	144581	17.049	ug/L	98
5) Vinyl chloride	2.375	62	186093	17.203	ug/L	98
6) Bromomethane	2.789	94	112952	17.865	ug/L	99
8) Chloroethane	2.930	64	115174	18.113	ug/L	97
9) Trichlorofluoromethane	3.265	101	180975	16.840	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	173669	21.106	ug/L	95
12) 1,1-Dichloroethene	4.039	96	169056	20.196	ug/L	91
13) Acetone	4.149	43	59503m	48.722	ug/L	
14) Carbon disulfide	4.387	76	492204	17.456	ug/L	99
15) Methyl Acetate	4.679	43	82048	25.644	ug/L #	74
16) Methylene chloride	4.917	84	182631	21.317	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	188683	20.986	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	343416	23.820	ug/L	100
19) 1,1-Dichloroethane	6.209	63	369656	21.853	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	214765	22.372	ug/L	98
22) 2-Butanone	7.179	43	102295	49.044	ug/L	99
23) Bromochloromethane	7.514	128	88572	23.560	ug/L	94
25) Chloroform	7.673	83	365994	22.748	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031603.D
 Acq On : 27 Jan 2025 19:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050486

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 01:54:20 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	239410	24.159	ug/L	100
29) Cyclohexane	7.953	56	332979	18.148	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	286778	19.298	ug/L	99
31) Carbon tetrachloride	8.063	117	258340	19.607	ug/L	99
33) Benzene	8.319	78	808713	20.641	ug/L	100
34) Trichloroethene	9.087	95	210991	20.030	ug/L	99
35) Methylcyclohexane	9.331	83	344335	18.233	ug/L	100
37) 1,2-Dichloropropane	9.367	63	211988	21.528	ug/L	100
38) Bromodichloromethane	9.642	83	256063	21.497	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	332147	21.442	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	244442	49.731	ug/L	100
42) Toluene	10.386	91	853421	20.838	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	276019	22.292	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	149007	23.607	ug/L	98
46) Tetrachloroethene	10.861	164	141634	18.737	ug/L	94
48) 2-Hexanone	10.965	43	160408	53.404	ug/L	99
49) Dibromochloromethane	11.123	129	164595	23.700	ug/L	98
50) 1,2-Dibromoethane	11.233	107	141772	24.235	ug/L	97
51) Chlorobenzene	11.654	112	542388	21.447	ug/L	97
52) Ethylbenzene	11.727	91	966659	20.571	ug/L	98
53) m,p-Xylene	11.836	106	369140	20.602	ug/L	97
54) o-Xylene	12.160	106	346514	20.810	ug/L	98
55) Styrene	12.178	104	604991	21.835	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	171016	24.658	ug/L	91
59) Bromoform	12.342	173	81695	23.016	ug/L	97
60) Isopropylbenzene	12.458	105	950716	20.431	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	127954	25.579	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	799197	20.858	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	783429	21.007	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	386614	20.947	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	390785	21.408	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	347564	22.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	28029	25.063	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	254336	20.335	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	212663	21.347	ug/L	98
71) Naphthalene	15.354	128	468394	25.074	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	189933	22.637	ug/L	99

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

