

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012025\
 Data File : VW031584.D
 Acq On : 20 Jan 2025 16:34
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Jan 21 01:01:17 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 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	618934	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	537954	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	250537	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	161397	16.618	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.480%		
7) Chloroethane-d5	2.899	69	120752	17.410	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.640%		
11) 1,1-Dichloroethene-d2	4.021	65	77360	17.902	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.600%		
21) 2-Butanone-d5	7.093	46	69581	44.568	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.140%		
24) Chloroform-d	7.648	84	327620	20.453	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.800%		
26) 1,2-Dichloroethane-d4	8.307	65	163819	20.779	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.120%		
32) Benzene-d6	8.270	84	671455	19.871	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.480%		
36) 1,2-Dichloropropane-d6	9.270	67	199097	19.956	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.840%		
41) Toluene-d8	10.319	98	609025	19.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.880%		
43) trans-1,3-Dichloroprop...	10.575	79	82511	20.139	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.560%		
47) 2-Hexanone-d5	10.922	63	47537	46.689	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.380%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	136134	22.312	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.240%		
66) 1,2-Dichlorobenzene-d4	13.848	152	180290	20.517	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	161432	20.053	ug/L #	87
3) Chloromethane	2.216	50	139619	16.733	ug/L	99
5) Vinyl chloride	2.369	62	206520	19.405	ug/L	99
6) Bromomethane	2.789	94	117892	18.952	ug/L	100
8) Chloroethane	2.936	64	121943	19.492	ug/L	99
9) Trichlorofluoromethane	3.265	101	193449	18.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	176186	21.763	ug/L	96
12) 1,1-Dichloroethene	4.045	96	167891	20.385	ug/L	90
13) Acetone	4.161	43	53321m	44.376	ug/L	
14) Carbon disulfide	4.387	76	531134	19.145	ug/L	99
15) Methyl Acetate	4.691	43	68364	21.718	ug/L #	73
16) Methylene chloride	4.917	84	172358	20.447	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	185253	20.943	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	312284	22.016	ug/L	100
19) 1,1-Dichloroethane	6.216	63	355387	21.354	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	200444	21.223	ug/L	98
22) 2-Butanone	7.185	43	86736	42.266	ug/L	98
23) Bromochloromethane	7.514	128	81094	21.925	ug/L	99
25) Chloroform	7.679	83	343724	21.714	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012025\
 Data File : VW031584.D
 Acq On : 20 Jan 2025 16:34
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 01:01:17 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	213555	21.904	ug/L	100
29) Cyclohexane	7.953	56	351683	20.397	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	291210	20.853	ug/L	99
31) Carbon tetrachloride	8.069	117	257879	20.828	ug/L	99
33) Benzene	8.325	78	771701	20.960	ug/L	100
34) Trichloroethene	9.087	95	208361	21.050	ug/L	97
35) Methylcyclohexane	9.331	83	367998	20.736	ug/L	99
37) 1,2-Dichloropropane	9.367	63	196409	21.225	ug/L	100
38) Bromodichloromethane	9.642	83	237387	21.208	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	310710	21.344	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	199821	43.261	ug/L	98
42) Toluene	10.386	91	815070	21.178	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	250020	21.487	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	130227	21.955	ug/L	98
46) Tetrachloroethene	10.861	164	140228	19.741	ug/L	87
48) 2-Hexanone	10.965	43	131908	46.732	ug/L	99
49) Dibromochloromethane	11.129	129	140408	21.514	ug/L	97
50) 1,2-Dibromoethane	11.233	107	120495	21.919	ug/L	95
51) Chlorobenzene	11.654	112	506730	21.322	ug/L	98
52) Ethylbenzene	11.727	91	936445	21.206	ug/L	96
53) m,p-Xylene	11.837	106	352117	20.913	ug/L	98
54) o-Xylene	12.160	106	330620	21.129	ug/L	96
55) Styrene	12.178	104	554485	21.296	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	146765	22.518	ug/L	99
59) Bromoform	12.349	173	72556	21.734	ug/L	98
60) Isopropylbenzene	12.458	105	928605	21.217	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	107722	22.896	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	772932	21.448	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	749343	21.364	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	373097	21.493	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	363270	21.159	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	327396	22.086	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	23252	22.106	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	241459	20.526	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	195446	20.859	ug/L	99
71) Naphthalene	15.360	128	392000	22.312	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	177022	22.432	ug/L	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012025\
Data File : VW031584.D
Acq On : 20 Jan 2025 16:34
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Quant Time: Jan 21 01:01:17 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 01/21/2025
Supervised By : Mahesh Dadoda 01/21/2025

