

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038456.D
 Acq On : 20 Jan 2025 12:05
 Operator : SY/MD
 Sample : MDL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: Jan 21 00:57:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.523	114	262845	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	276205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	116892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100982	4.659	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.200%		
7) Chloroethane-d5	1.529	69	86602	4.758	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	2.053	65	44380	4.543	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	90.800%		
20) 2-Butanone-d5	3.831	46	205603m	45.099	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	90.200%		
24) Chloroform-d	4.236	84	189993	4.677	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.600%		
26) 1,2-Dichloroethane-d4	4.934	65	89336	4.799	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.000%		
32) Benzene-d6	4.947	84	361647	4.754	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.000%		
36) 1,2-Dichloropropane-d6	5.979	67	116242	5.027	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.600%		
41) Toluene-d8	7.233	98	295050	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.400%		
43) trans-1,3-Dichloroprop...	7.551	79	35576	4.206	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.200%		
46) 2-Hexanone-d5	8.021	63	126421	37.885	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	75.760%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	82910	4.523	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.400%		
66) 1,2-Dichlorobenzene-d4	11.551	152	104115	5.262	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	105.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	6984	0.237	ug/L	99
3) Chloromethane	1.211	50	7923	0.263	ug/L	95
5) Vinyl chloride	1.278	62	8033	0.264	ug/L #	80
6) Bromomethane	1.487	94	4018	0.264	ug/L	88
8) Chloroethane	1.545	64	4896m	0.268	ug/L	
9) Trichlorofluoromethane	1.709	101	9459	0.244	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	6591	0.298	ug/L	91
12) 1,1-Dichloroethene	2.063	96	6390	0.293	ug/L #	1
14) Carbon disulfide	2.233	76	18634	0.254	ug/L	100
15) Methyl Acetate	2.407	43	3074m	0.339	ug/L	
16) Methylene chloride	2.442	84	6471	0.268	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	10277	0.224	ug/L	94
18) trans-1,2-Dichloroethene	2.693	96	5628	0.251	ug/L	93
19) 1,1-Dichloroethane	3.105	63	10710	0.251	ug/L	96
21) 2-Butanone	3.909	43	14834m	2.948	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	4713	0.207	ug/L	97
23) Bromochloromethane	4.150	128	2498	0.241	ug/L #	85
25) Chloroform	4.265	83	11475	0.272	ug/L	95
27) 1,2-Dichloroethane	5.060	62	6362m	0.271	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038456.D
 Acq On : 20 Jan 2025 12:05
 Operator : SY/MD
 Sample : MDL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: Jan 21 00:57:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.500	97	8141	0.222	ug/L	98
30) Cyclohexane	4.571	56	6772	0.202	ug/L	89
31) Carbon tetrachloride	4.725	117	7620	0.235	ug/L	97
33) Benzene	5.011	78	21625m	0.247	ug/L	
34) Trichloroethene	5.841	95	5671m	0.249	ug/L	
35) Methylcyclohexane	6.037	83	9376m	0.270	ug/L	
37) 1,2-Dichloropropane	6.101	63	6530m	0.288	ug/L	
38) Bromodichloromethane	6.433	83	7179	0.244	ug/L #	88
39) cis-1,3-Dichloropropene	6.960	75	7211m	0.231	ug/L	
40) 4-Methyl-2-pentanone	7.166	43	24112m	2.057	ug/L	
42) Toluene	7.317	91	20113	0.220	ug/L	92
44) trans-1,3-Dichloropropene	7.600	75	7268m	0.275	ug/L	
45) 1,1,2-Trichloroethane	7.773	97	3736	0.229	ug/L	94
47) Tetrachloroethene	7.902	164	3826	0.217	ug/L	93
48) 2-Hexanone	8.082	43	48675m	5.736	ug/L	
49) Dibromochloromethane	8.172	129	4342	0.232	ug/L	96
50) 1,2-Dibromoethane	8.285	107	3431m	0.226	ug/L	
51) Chlorobenzene	8.812	112	14738	0.240	ug/L	90
52) Ethylbenzene	8.947	91	20349	0.207	ug/L	98
53) m,p-Xylene	9.076	106	6265	0.168	ug/L	99
54) o-Xylene	9.477	106	6718	0.189	ug/L	95
55) Styrene	9.506	104	9834m	0.159	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	4738	0.239	ug/L #	87
59) Bromoform	9.667	173	1976	0.242	ug/L #	89
60) Isopropylbenzene	9.860	105	16543	0.210	ug/L #	96
61) 1,2,3-Trichloropropane	10.207	75	3126	0.278	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.471	105	12798	0.208	ug/L	94
63) 1,2,4-Trimethylbenzene	10.847	105	11808	0.192	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	8843	0.227	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	10375	0.257	ug/L	89
67) 1,2-Dichlorobenzene	11.574	146	9722	0.266	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.368	75	479m	0.206	ug/L	
69) 1,3,5-Trichlorobenzene	12.583	180	5857	0.218	ug/L #	95
70) 1,2,4-trichlorobenzene	13.204	180	3861m	0.194	ug/L	
71) Naphthalene	13.455	128	6089m	0.206	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	3511m	0.204	ug/L	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
Data File : VV038456.D
Acq On : 20 Jan 2025 12:05
Operator : SY/MD
Sample : MDL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations
APPROVED

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

Quant Time: Jan 21 00:57:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 21 00:50:24 2025
Response via : Initial Calibration

