

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038457.D
 Acq On : 20 Jan 2025 12:27
 Operator : SY/MD
 Sample : MDL02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jan 21 00:58:26 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

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	5.529	114	232273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	245127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	103691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81118	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.532	69	72114	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.056	65	37388	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.802	46	170730m	42.379	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.760%
24) Chloroform-d	4.243	84	157107	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.937	65	74463	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	4.953	84	297035	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.982	67	97372	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.236	98	238341	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.554	79	29761	3.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.024	63	105543	35.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	70208	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	82293	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	5866	0.225	ug/L	94
3) Chloromethane	1.214	50	7383	0.277	ug/L	94
5) Vinyl chloride	1.281	62	6885	0.256	ug/L #	50
6) Bromomethane	1.487	94	3703	0.275	ug/L	92
8) Chloroethane	1.548	64	6273m	0.389	ug/L	
9) Trichlorofluoromethane	1.709	101	8088	0.236	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5621	0.287	ug/L	88
12) 1,1-Dichloroethene	2.066	96	5529	0.287	ug/L #	1
14) Carbon disulfide	2.240	76	15120	0.234	ug/L	98
15) Methyl Acetate	2.410	43	2696m	0.337	ug/L	
16) Methylene chloride	2.445	84	5708	0.267	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	9092	0.224	ug/L #	93
18) trans-1,2-Dichloroethene	2.693	96	4959	0.250	ug/L	92
19) 1,1-Dichloroethane	3.111	63	9217	0.245	ug/L	94
21) 2-Butanone	3.940	43	10953m	2.463	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	4769	0.237	ug/L	96
23) Bromochloromethane	4.165	128	2275	0.248	ug/L	73
25) Chloroform	4.268	83	10395	0.279	ug/L	92
27) 1,2-Dichloroethane	5.069	62	5563m	0.268	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.513	97	7516	0.231	ug/L	96
30) Cyclohexane	4.583	56	6188	0.208	ug/L	88
31) Carbon tetrachloride	4.728	117	6533	0.227	ug/L	94
33) Benzene	5.011	78	20243m	0.260	ug/L	
34) Trichloroethene	5.844	95	4994m	0.247	ug/L	
35) Methylcyclohexane	6.040	83	7491	0.243	ug/L	95
37) 1,2-Dichloropropane	6.104	63	6197m	0.308	ug/L	
38) Bromodichloromethane	6.439	83	6381m	0.245	ug/L	
39) cis-1,3-Dichloropropene	6.972	75	6178	0.223	ug/L	89
40) 4-Methyl-2-pentanone	7.172	43	22791m	2.191	ug/L	
42) Toluene	7.323	91	17159	0.212	ug/L	92
44) trans-1,3-Dichloropropene	7.603	75	6539m	0.278	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	3511m	0.243	ug/L	
47) Tetrachloroethene	7.905	164	3666	0.234	ug/L	90
48) 2-Hexanone	8.085	43	33459	4.443	ug/L #	91
49) Dibromochloromethane	8.172	129	3725	0.224	ug/L	91
50) 1,2-Dibromoethane	8.294	107	3177	0.236	ug/L #	99
51) Chlorobenzene	8.812	112	12571	0.230	ug/L	91
52) Ethylbenzene	8.950	91	18670	0.214	ug/L	98
53) m,p-Xylene	9.078	106	6014	0.182	ug/L	89
54) o-Xylene	9.477	106	6240	0.198	ug/L	88
55) Styrene	9.509	104	8210	0.149	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.168	83	4229	0.240	ug/L #	84
59) Bromoform	9.667	173	1994	0.276	ug/L #	88
60) Isopropylbenzene	9.863	105	14974	0.215	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	2561	0.257	ug/L #	75
62) 1,3,5-Trimethylbenzene	10.474	105	11851	0.217	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	10537	0.193	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	7920	0.229	ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	9890	0.276	ug/L	90
67) 1,2-Dichlorobenzene	11.574	146	9116	0.281	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	437m	0.212	ug/L	
69) 1,3,5-Trichlorobenzene	12.583	180	5345	0.225	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	3617	0.204	ug/L #	92
71) Naphthalene	13.461	128	6487m	0.247	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	3102	0.203	ug/L	97

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

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