

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012225\
 Data File : VV038500.D
 Acq On : 22 Jan 2025 15:36
 Operator : SY/MD
 Sample : MDL07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Quant Time: Jan 23 01:39:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 01:38:03 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2025
 Supervised By :Semsettin Yesilyurt 01/24/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	193533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	200246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	88881	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	57790	3.621	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.529	69	52785	3.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.053	65	28315	3.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.860	46	135287m	40.303	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.600%
24) Chloroform-d	4.240	84	123639	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	4.941	65	60863	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.953	84	227199	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.982	67	76405	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.236	98	181296	3.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.558	79	23402	3.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.027	63	78470	32.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.880%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	58481	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	68297	4.540	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	6054	0.279	ug/L	97
3) Chloromethane	1.214	50	6166	0.278	ug/L	93
5) Vinyl chloride	1.282	62	6467	0.289	ug/L	84
6) Bromomethane	1.487	94	3273	0.292	ug/L	89
8) Chloroethane	1.548	64	3745	0.279	ug/L	94
9) Trichlorofluoromethane	1.709	101	8344	0.293	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5609	0.344	ug/L	94
12) 1,1-Dichloroethene	2.066	96	5352	0.334	ug/L #	1
14) Carbon disulfide	2.236	76	15674	0.291	ug/L #	93
15) Methyl Acetate	2.407	43	1873m	0.281	ug/L	
16) Methylene chloride	2.442	84	5476	0.308	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	9007m	0.267	ug/L	
18) trans-1,2-Dichloroethene	2.696	96	4700	0.285	ug/L	98
19) 1,1-Dichloroethane	3.108	63	8559	0.273	ug/L	94
21) 2-Butanone	3.925	43	10391m	2.805	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	3916	0.233	ug/L	96
23) Bromochloromethane	4.166	128	2332m	0.306	ug/L	
25) Chloroform	4.278	83	9645	0.311	ug/L	94
27) 1,2-Dichloroethane	5.063	62	4867m	0.282	ug/L	

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

29) 1,1,1-Trichloroethane	4.506	97	7923	0.298	ug/L	96
30) Cyclohexane	4.568	56	6433	0.265	ug/L #	92
31) Carbon tetrachloride	4.732	117	6803	0.289	ug/L	97
33) Benzene	5.008	78	18020m	0.283	ug/L	
34) Trichloroethene	5.841	95	4612	0.279	ug/L	97
35) Methylcyclohexane	6.040	83	7845m	0.311	ug/L	
37) 1,2-Dichloropropane	6.101	63	4916m	0.299	ug/L	
38) Bromodichloromethane	6.439	83	5906	0.277	ug/L	96
39) cis-1,3-Dichloropropene	6.976	75	6018m	0.266	ug/L	
40) 4-Methyl-2-pentanone	7.172	43	20413m	2.403	ug/L	
42) Toluene	7.323	91	15894	0.240	ug/L	95
44) trans-1,3-Dichloropropene	7.596	75	5715	0.298	ug/L	95
45) 1,1,2-Trichloroethane	7.780	97	3593	0.304	ug/L	92
47) Tetrachloroethene	7.902	164	3264	0.255	ug/L	94
48) 2-Hexanone	8.088	43	40482m	6.580	ug/L	
49) Dibromochloromethane	8.172	129	3839	0.282	ug/L	99
50) 1,2-Dibromoethane	8.291	107	3288	0.299	ug/L #	90
51) Chlorobenzene	8.812	112	12240	0.274	ug/L #	86
52) Ethylbenzene	8.950	91	16209	0.227	ug/L	99
53) m,p-Xylene	9.079	106	6241	0.231	ug/L	81
54) o-Xylene	9.477	106	5479	0.213	ug/L	99
55) Styrene	9.509	104	7192	0.160	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.169	83	3577	0.249	ug/L #	83
59) Bromoform	9.673	173	1603	0.259	ug/L #	97
60) Isopropylbenzene	9.866	105	15315	0.256	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	2211	0.259	ug/L #	78
62) 1,3,5-Trimethylbenzene	10.474	105	9936	0.212	ug/L	90
63) 1,2,4-Trimethylbenzene	10.850	105	9635	0.206	ug/L	95
64) 1,3-Dichlorobenzene	11.120	146	7480	0.252	ug/L	93
65) 1,4-Dichlorobenzene	11.204	146	8526	0.278	ug/L	91
67) 1,2-Dichlorobenzene	11.574	146	8516	0.307	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.378	75	424	0.240	ug/L #	62
69) 1,3,5-Trichlorobenzene	12.583	180	5502	0.270	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	4078	0.269	ug/L	85
71) Naphthalene	13.455	128	5556m	0.247	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	3328	0.254	ug/L	99

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

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