

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012125\
 Data File : VV038478.D
 Acq On : 21 Jan 2025 13:06
 Operator : SY/MD
 Sample : MDL03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jan 22 02:53:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:52:26 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	218470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	230891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	94811	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72880	4.045	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.000%		
7) Chloroethane-d5	1.532	69	67020	4.430	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	88.600%		
11) 1,1-Dichloroethene-d2	2.056	65	34004	4.188	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	83.800%		
20) 2-Butanone-d5	3.809	46	148209m	39.113	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	78.220%		
24) Chloroform-d	4.240	84	149333	4.422	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.400%		
26) 1,2-Dichloroethane-d4	4.934	65	67064	4.334	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.600%		
32) Benzene-d6	4.950	84	278160	4.374	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.400%		
36) 1,2-Dichloropropane-d6	5.979	67	87761	4.540	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.800%		
41) Toluene-d8	7.236	98	217479	3.807	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	76.200%		
43) trans-1,3-Dichloroprop...	7.555	79	24815	3.510	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	70.200%		
46) 2-Hexanone-d5	8.024	63	84655	30.348	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	60.700%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	61118	3.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	79.800%		
66) 1,2-Dichlorobenzene-d4	11.551	152	75399	4.699	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	4609	0.188	ug/L	97
5) Vinyl chloride	1.282	62	5061	0.200	ug/L #	23
6) Bromomethane	1.487	94	2887	0.228	ug/L	88
8) Chloroethane	1.548	64	6021m	0.397	ug/L	
9) Trichlorofluoromethane	1.712	101	6271	0.195	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	4691	0.255	ug/L	87
12) 1,1-Dichloroethene	2.066	96	4682	0.258	ug/L #	1
14) Carbon disulfide	2.236	76	12310	0.202	ug/L	96
15) Methyl Acetate	2.417	43	1957m	0.260	ug/L	
16) Methylene chloride	2.449	84	4112	0.205	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	6373	0.167	ug/L #	92
18) trans-1,2-Dichloroethene	2.700	96	3746	0.201	ug/L	90
19) 1,1-Dichloroethane	3.105	63	7130m	0.201	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	3284	0.173	ug/L	91
23) Bromochloromethane	4.156	128	1573	0.183	ug/L	91
25) Chloroform	4.272	83	8165	0.233	ug/L	94
27) 1,2-Dichloroethane	5.066	62	4518m	0.232	ug/L	
29) 1,1,1-Trichloroethane	4.503	97	5886	0.192	ug/L	93
30) Cyclohexane	4.577	56	4878m	0.174	ug/L	

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

31) Carbon tetrachloride	4.725	117	4980	0.184	ug/L	89
33) Benzene	5.008	78	12886m	0.176	ug/L	
34) Trichloroethene	5.844	95	4006m	0.210	ug/L	
35) Methylcyclohexane	6.034	83	4833	0.166	ug/L	92
37) 1,2-Dichloropropane	6.092	63	4756m	0.251	ug/L	
38) Bromodichloromethane	6.445	83	4247	0.173	ug/L #	98
39) cis-1,3-Dichloropropene	6.966	75	4376m	0.168	ug/L	
40) 4-Methyl-2-pentanone	7.172	43	16220m	1.656	ug/L	
42) Toluene	7.323	91	12449	0.163	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	4820	0.218	ug/L	96
45) 1,1,2-Trichloroethane	7.783	97	2151	0.158	ug/L #	87
47) Tetrachloroethene	7.905	164	2902	0.197	ug/L	96
48) 2-Hexanone	8.085	43	38378m	5.410	ug/L	
49) Dibromochloromethane	8.169	129	2710	0.173	ug/L	87
50) 1,2-Dibromoethane	8.288	107	2644	0.209	ug/L #	86
51) Chlorobenzene	8.812	112	9370	0.182	ug/L	91
52) Ethylbenzene	8.953	91	13487	0.164	ug/L	89
53) m,p-Xylene	9.079	106	4500	0.144	ug/L	83
54) o-Xylene	9.477	106	3859	0.130	ug/L	73
55) Styrene	9.522	104	6176m	0.119	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.172	83	3036	0.183	ug/L #	91
59) Bromoform	9.670	173	1331	0.201	ug/L #	91
60) Isopropylbenzene	9.863	105	11279m	0.177	ug/L	
61) 1,2,3-Trichloropropane	10.204	75	1970m	0.216	ug/L	
62) 1,3,5-Trimethylbenzene	10.474	105	8592m	0.172	ug/L	
63) 1,2,4-Trimethylbenzene	10.850	105	7410	0.149	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	5954	0.188	ug/L	90
65) 1,4-Dichlorobenzene	11.204	146	6637	0.203	ug/L	95
67) 1,2-Dichlorobenzene	11.574	146	6332	0.214	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	4161	0.191	ug/L #	90
70) 1,2,4-trichlorobenzene	13.214	180	2167	0.134	ug/L	91
71) Naphthalene	13.461	128	3553m	0.148	ug/L	
72) 1,2,3-Trichlorobenzene	13.686	180	2047m	0.146	ug/L	

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

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