

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012425\
 Data File : VV038524.D
 Acq On : 24 Jan 2025 09:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Jan 24 20:48:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 00:30:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	200501	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	205739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	112122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56241	3.401	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.532	69	54557	3.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.056	65	26787	3.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.812	46	160969	46.287	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.580%
24) Chloroform-d	4.239	84	139328	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.934	65	61319	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	4.950	84	246156	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.979	67	76024	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.233	98	224826	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.551	79	26033	4.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.021	63	102186	41.110	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	67107	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	82493	4.347	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	100227	4.463	ug/L	99
3) Chloromethane	1.214	50	102036	4.440	ug/L	98
5) Vinyl chloride	1.281	62	104245	4.490	ug/L	99
6) Bromomethane	1.487	94	56642	4.877	ug/L	98
8) Chloroethane	1.548	64	64404	4.630	ug/L	98
9) Trichlorofluoromethane	1.712	101	143264	4.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	81825	4.844	ug/L	99
12) 1,1-Dichloroethene	2.066	96	76799	4.619	ug/L	93
13) Acetone	2.146	43	109686	40.537	ug/L	97
14) Carbon disulfide	2.236	76	247465	4.430	ug/L	99
15) Methyl Acetate	2.387	43	28266	4.089	ug/L	95
16) Methylene chloride	2.442	84	83554	4.534	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	147908	4.228	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	78270	4.579	ug/L	98
19) 1,1-Dichloroethane	3.101	63	151831	4.667	ug/L	100
21) 2-Butanone	3.892	43	150004	39.081	ug/L	99
22) cis-1,2-Dichloroethene	3.805	96	77931	4.484	ug/L	98
23) Bromochloromethane	4.140	128	37213	4.706	ug/L	91
25) Chloroform	4.265	83	155617	4.839	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	82624	4.620	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	134302	4.910	ug/L	97
30) Cyclohexane	4.571	56	113245	4.546	ug/L	97
31) Carbon tetrachloride	4.722	117	120260	4.974	ug/L	99
33) Benzene	5.002	78	320776	4.910	ug/L	100
34) Trichloroethene	5.825	95	82702	4.871	ug/L	95
35) Methylcyclohexane	6.040	83	119250	4.608	ug/L	98
37) 1,2-Dichloropropane	6.085	63	80828	4.791	ug/L	99
38) Bromodichloromethane	6.423	83	104946	4.796	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	101950	4.384	ug/L	94
40) 4-Methyl-2-pentanone	7.149	43	396600	45.432	ug/L	98
42) Toluene	7.307	91	357832	5.255	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	87967	4.464	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	59248	4.882	ug/L	98
47) Tetrachloroethene	7.895	164	64785	4.930	ug/L	98
48) 2-Hexanone	8.069	43	289168	45.750	ug/L	98
49) Dibromochloromethane	8.165	129	67186	4.809	ug/L	96
50) 1,2-Dibromoethane	8.275	107	55363	4.903	ug/L #	94
51) Chlorobenzene	8.805	112	225854	4.929	ug/L	98
52) Ethylbenzene	8.937	91	359703	4.911	ug/L	100
53) m,p-Xylene	9.062	106	136737	4.925	ug/L	97
54) o-Xylene	9.471	106	132527	5.009	ug/L	97
55) Styrene	9.487	104	238604	5.172	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	68159	4.612	ug/L	99
59) Bromoform	9.657	173	33741	4.315	ug/L	98
60) Isopropylbenzene	9.857	105	362382	4.803	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	47010	4.364	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	268732	4.549	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	275021	4.661	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	180434	4.821	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	184051	4.756	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	161712	4.614	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.358	75	8922	4.007	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	114109	4.433	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	79310	4.145	ug/L	98
71) Naphthalene	13.435	128	89511	3.158	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	69339	4.192	ug/L	96

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

