

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV013025\
 Data File : VV038574.D
 Acq On : 29 Jan 2025 17:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: Jan 30 09:44:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 30 08:15:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	184418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	199933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	43283	2.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.529	69	44699	3.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.050	65	21538	3.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.825	46	184099	57.555	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.120%
24) Chloroform-d	4.240	84	132012	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.941	65	61486	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.953	84	211724	3.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	5.982	67	73147	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.236	98	184050	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.555	79	26604	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.024	63	119192	49.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	72837	5.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	75278	4.224	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	76956	3.725	ug/L	99
3) Chloromethane	1.214	50	83401	3.946	ug/L	98
5) Vinyl chloride	1.278	62	88476	4.143	ug/L	99
6) Bromomethane	1.484	94	48076	4.500	ug/L	96
8) Chloroethane	1.545	64	53611	4.190	ug/L	100
9) Trichlorofluoromethane	1.709	101	125669	4.624	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	72792	4.685	ug/L	99
12) 1,1-Dichloroethene	2.063	96	69317	4.533	ug/L	88
13) Acetone	2.150	43	115198	46.287	ug/L	99
14) Carbon disulfide	2.233	76	195603	3.807	ug/L	99
15) Methyl Acetate	2.391	43	27944	4.395	ug/L #	72
16) Methylene chloride	2.442	84	80343	4.740	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	150600	4.680	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	67971	4.323	ug/L	97
19) 1,1-Dichloroethane	3.105	63	138528	4.630	ug/L	100
21) 2-Butanone	3.905	43	167614	47.477	ug/L	82
22) cis-1,2-Dichloroethene	3.809	96	70063	4.383	ug/L	98
23) Bromochloromethane	4.146	128	35782	4.920	ug/L	92
25) Chloroform	4.265	83	143882	4.864	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	82507	5.015	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	121096	4.556	ug/L	98
30) Cyclohexane	4.571	56	92569	3.824	ug/L	96
31) Carbon tetrachloride	4.725	117	105973	4.511	ug/L	97
33) Benzene	5.002	78	288282	4.541	ug/L	100
34) Trichloroethene	5.828	95	72994	4.424	ug/L	96
35) Methylcyclohexane	6.043	83	95413	3.794	ug/L	95
37) 1,2-Dichloropropane	6.085	63	79794	4.867	ug/L	97
38) Bromodichloromethane	6.426	83	99512	4.680	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	98320	4.350	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	432994	51.042	ug/L	99
42) Toluene	7.307	91	310289	4.689	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	86935	4.539	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	59419	5.039	ug/L	97
47) Tetrachloroethene	7.899	164	56407	4.417	ug/L	97
48) 2-Hexanone	8.072	43	324739	52.870	ug/L	97
49) Dibromochloromethane	8.169	129	64125	4.723	ug/L	91
50) 1,2-Dibromoethane	8.278	107	53484	4.874	ug/L	94
51) Chlorobenzene	8.809	112	201374	4.523	ug/L	98
52) Ethylbenzene	8.940	91	313485	4.404	ug/L	99
53) m,p-Xylene	9.066	106	119189	4.418	ug/L	95
54) o-Xylene	9.471	106	112393	4.372	ug/L	99
55) Styrene	9.490	104	210421	4.694	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	71805	5.000	ug/L	100
59) Bromoform	9.661	173	34293	4.670	ug/L	98
60) Isopropylbenzene	9.860	105	311386	4.395	ug/L	98
61) 1,2,3-Trichloropropane	10.204	75	48455	4.790	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	222693	4.014	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	233407	4.212	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	161832	4.604	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	165421	4.552	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	151352	4.598	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	9665	4.622	ug/L	88
69) 1,3,5-Trichlorobenzene	12.577	180	100284	4.148	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	77794	4.330	ug/L	97
71) Naphthalene	13.435	128	100500	3.776	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	72277	4.652	ug/L	99

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

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