

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012225\
 Data File : VV038496.D
 Acq On : 22 Jan 2025 13:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005332

Quant Time: Jan 23 01:33:32 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	178704	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	187109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	105280	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63046	4.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.532	69	56125	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.056	65	28537	4.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.818	46	155008	50.010	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.020%
24) Chloroform-d	4.239	84	137606	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.937	65	60944	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.950	84	248303	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.979	67	76217	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.233	98	233578	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.551	79	28607	4.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.021	63	101319	44.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.640%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	61817	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	82878	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	114231	5.707	ug/L	99
3) Chloromethane	1.214	50	112222	5.479	ug/L	99
5) Vinyl chloride	1.281	62	112989	5.460	ug/L	97
6) Bromomethane	1.487	94	62164	6.005	ug/L	95
8) Chloroethane	1.548	64	65557	5.288	ug/L	98
9) Trichlorofluoromethane	1.712	101	155754	5.914	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	92421	6.139	ug/L	98
12) 1,1-Dichloroethene	2.066	96	82122	5.542	ug/L	95
13) Acetone	2.159	43	116853	48.453	ug/L	98
14) Carbon disulfide	2.236	76	271386	5.451	ug/L	99
15) Methyl Acetate	2.387	43	28330	4.598	ug/L #	88
16) Methylene chloride	2.442	84	87383	5.320	ug/L	96
17) Methyl tert-butyl Ether	2.696	73	165415	5.305	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	85334	5.601	ug/L	99
19) 1,1-Dichloroethane	3.104	63	163355	5.634	ug/L	100
21) 2-Butanone	3.899	43	163844	47.893	ug/L #	73
22) cis-1,2-Dichloroethene	3.805	96	84967	5.485	ug/L	98
23) Bromochloromethane	4.140	128	39649	5.626	ug/L	94
25) Chloroform	4.265	83	163332	5.698	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	87398	5.483	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	145002	5.829	ug/L	97
30) Cyclohexane	4.571	56	126420	5.580	ug/L	96
31) Carbon tetrachloride	4.725	117	130361	5.929	ug/L	99
33) Benzene	4.998	78	340037	5.723	ug/L	100
34) Trichloroethene	5.825	95	88193	5.712	ug/L	93
35) Methylcyclohexane	6.040	83	136785	5.812	ug/L	98
37) 1,2-Dichloropropane	6.082	63	88417	5.763	ug/L	98
38) Bromodichloromethane	6.423	83	112324	5.644	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	113145	5.349	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	430447	54.219	ug/L	99
42) Toluene	7.307	91	372561	6.017	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	97624	5.447	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	61143	5.540	ug/L	98
47) Tetrachloroethene	7.895	164	72397	6.058	ug/L	94
48) 2-Hexanone	8.069	43	305766	53.193	ug/L	98
49) Dibromochloromethane	8.165	129	70467	5.546	ug/L	100
50) 1,2-Dibromoethane	8.275	107	56028	5.456	ug/L	99
51) Chlorobenzene	8.805	112	232477	5.579	ug/L	98
52) Ethylbenzene	8.937	91	380596	5.714	ug/L	99
53) m,p-Xylene	9.062	106	147508	5.842	ug/L	93
54) o-Xylene	9.468	106	138186	5.743	ug/L	100
55) Styrene	9.487	104	251174	5.987	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	70822	5.270	ug/L	98
59) Bromoform	9.657	173	36098	4.917	ug/L	96
60) Isopropylbenzene	9.857	105	386907	5.462	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51046	5.046	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	291429	5.253	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	296843	5.357	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	196698	5.597	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	194099	5.342	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	175334	5.328	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	9307	4.452	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	128126	5.301	ug/L	97
70) 1,2,4-trichlorobenzene	13.188	180	91675	5.103	ug/L	98
71) Naphthalene	13.432	128	113584	4.268	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	78969	5.084	ug/L	98

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

