

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012425\
 Data File : VV038539.D
 Acq On : 24 Jan 2025 17:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/27/2025
 Supervised By :Semsettin Yesilyurt 01/27/2025

Quant Time: Jan 24 20:56:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 20:51:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	225779	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	226709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	121614	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.275	65	53803	2.890	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.529	69	53431	3.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.053	65	26876	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.828	46	192419	49.136	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	4.240	84	143258	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	4.937	65	66504	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	4.953	84	252989	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	79738	4.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.236	98	224459	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.551	79	30411	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.024	63	131322	47.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	73827	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	85833	4.170	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	102615	4.058	ug/L	98
3) Chloromethane	1.214	50	108662	4.199	ug/L	99
5) Vinyl chloride	1.281	62	109179	4.176	ug/L	97
6) Bromomethane	1.487	94	58025	4.437	ug/L	96
8) Chloroethane	1.548	64	65246	4.165	ug/L	99
9) Trichlorofluoromethane	1.709	101	146554	4.404	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	82695	4.348	ug/L	99
12) 1,1-Dichloroethene	2.066	96	80321	4.290	ug/L	90
13) Acetone	2.166	43	123689m	40.594	ug/L	
14) Carbon disulfide	2.236	76	257977	4.102	ug/L	98
15) Methyl Acetate	2.394	43	33602	4.316	ug/L	96
16) Methylene chloride	2.442	84	86943	4.190	ug/L	97
17) Methyl tert-butyl Ether	2.699	73	168546	4.279	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	83192	4.322	ug/L	99
19) 1,1-Dichloroethane	3.105	63	159008	4.341	ug/L	100
21) 2-Butanone	3.905	43	165882	38.379	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	83744	4.279	ug/L	99
23) Bromochloromethane	4.143	128	39824	4.472	ug/L	97
25) Chloroform	4.265	83	160782	4.440	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	88230	4.381	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	139147	4.617	ug/L	97
30) Cyclohexane	4.574	56	118770	4.326	ug/L	96
31) Carbon tetrachloride	4.725	117	120868	4.537	ug/L	100
33) Benzene	5.002	78	340549	4.731	ug/L	100
34) Trichloroethene	5.828	95	86131	4.604	ug/L	95
35) Methylcyclohexane	6.040	83	127371	4.466	ug/L	98
37) 1,2-Dichloropropane	6.085	63	84908	4.567	ug/L	100
38) Bromodichloromethane	6.426	83	108950	4.519	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	116821	4.558	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	457499	47.561	ug/L	99
42) Toluene	7.307	91	366308	4.882	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	98446	4.533	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	61238	4.580	ug/L	95
47) Tetrachloroethene	7.899	164	66642	4.602	ug/L	98
48) 2-Hexanone	8.072	43	340908	48.947	ug/L	99
49) Dibromochloromethane	8.169	129	69837	4.537	ug/L	98
50) 1,2-Dibromoethane	8.278	107	57339	4.608	ug/L #	99
51) Chlorobenzene	8.808	112	234342	4.641	ug/L	99
52) Ethylbenzene	8.937	91	380289	4.712	ug/L	99
53) m,p-Xylene	9.066	106	146172	4.778	ug/L	92
54) o-Xylene	9.471	106	137865	4.729	ug/L	98
55) Styrene	9.490	104	245138	4.822	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	75861	4.659	ug/L	96
59) Bromoform	9.657	173	37643	4.438	ug/L	97
60) Isopropylbenzene	9.857	105	376996	4.607	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	51512	4.409	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	280466	4.377	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	290369	4.537	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	187490	4.619	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	187175	4.460	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	168562	4.434	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.358	75	9468	3.920	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.574	180	123192	4.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	89698	4.322	ug/L	100
71) Naphthalene	13.435	128	107414	3.494	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	77368	4.312	ug/L	99

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

