

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV060625\
 Data File : VV038761.D
 Acq On : 06 Jun 2025 15:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Quant Time: Jun 13 10:58:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:50:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	229993	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	240133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	131165	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	131093	4.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.539	69	98582	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.063	65	50531	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.786	46	219544	53.013	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	4.249	84	217473	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.941	65	100106	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	4.957	84	385858	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.986	67	124124	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.236	98	341184	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.548	79	43649	4.688	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.014	63	170045	54.317	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	96013	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	108096	4.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	144722	4.709	ug/L	98
3) Chloromethane	1.224	50	155233	4.381	ug/L	99
5) Vinyl chloride	1.291	62	162130	4.829	ug/L	95
6) Bromomethane	1.494	94	76559	4.558	ug/L	99
8) Chloroethane	1.555	64	96973	4.770	ug/L	98
9) Trichlorofluoromethane	1.722	101	215475	4.924	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	122472	4.900	ug/L	98
12) 1,1-Dichloroethene	2.076	96	112179	4.776	ug/L	89
13) Acetone	2.118	43	176909	55.300	ug/L	92
14) Carbon disulfide	2.246	76	376540	4.717	ug/L	100
15) Methyl Acetate	2.384	43	44589	5.089	ug/L	100
16) Methylene chloride	2.452	84	125308	4.747	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	214949	5.015	ug/L	98
18) trans-1,2-Dichloroethene	2.700	96	111532	4.757	ug/L	92
19) 1,1-Dichloroethane	3.114	63	231067	4.936	ug/L	99
21) 2-Butanone	3.864	43	240435	52.339	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	115133	4.939	ug/L	89
23) Bromochloromethane	4.150	128	55126	5.241	ug/L	91
25) Chloroform	4.275	83	228647	4.910	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	129121	4.950	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	197540	4.899	ug/L	99
30) Cyclohexane	4.581	56	177710	4.762	ug/L	98
31) Carbon tetrachloride	4.732	117	172172	4.842	ug/L	99
33) Benzene	5.008	78	475585	5.036	ug/L	100
34) Trichloroethene	5.831	95	116655	4.848	ug/L	97
35) Methylcyclohexane	6.047	83	177173	4.657	ug/L	97
37) 1,2-Dichloropropane	6.088	63	125379	5.020	ug/L	98
38) Bromodichloromethane	6.426	83	161247	4.955	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	161610	4.890	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	645404	56.669	ug/L	97
42) Toluene	7.307	91	503532	5.258	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	139305	5.005	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	84456	4.776	ug/L	94
47) Tetrachloroethene	7.896	164	88319	4.747	ug/L	96
48) 2-Hexanone	8.063	43	466668	59.370	ug/L	95
49) Dibromochloromethane	8.169	129	97439	4.970	ug/L	97
50) 1,2-Dibromoethane	8.275	107	77620	5.051	ug/L	92
51) Chlorobenzene	8.805	112	306456	4.935	ug/L	99
52) Ethylbenzene	8.937	91	487513	4.983	ug/L	100
53) m,p-Xylene	9.066	106	188706	5.099	ug/L	93
54) o-Xylene	9.468	106	171334	4.890	ug/L	96
55) Styrene	9.487	104	324148	5.403	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	101903	5.032	ug/L	97
59) Bromoform	9.657	173	48111	4.684	ug/L	98
60) Isopropylbenzene	9.857	105	467826	4.810	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	69653	4.997	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	345118	4.616	ug/L	98
63) 1,2,4-Trimethylbenzene	10.841	105	358167	4.788	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	235781	5.029	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	233360	4.742	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	210692	4.899	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.355	75	15331	5.150	ug/L	84
69) 1,3,5-Trichlorobenzene	12.571	180	140920	4.637	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	110111	4.606	ug/L	99
71) Naphthalene	13.429	128	178529	4.627	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	106886	4.881	ug/L	98

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

