

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012825\
 Data File : VU063059.D
 Acq On : 28 Jan 2025 10:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Jan 29 08:32:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 14:07:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	110178	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15210	3.840	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.904	69	14724	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.557	65	11240	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.608	46	49059	42.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.360%
24) Chloroform-d	5.049	84	72976	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.689	65	40906	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.714	84	106813	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.679	67	27123	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.888	98	111109	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.171	79	16518	4.459	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	49027	53.047	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27776	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	52976	4.948	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	41877	4.243	ug/L	100
3) Chloromethane	1.518	50	17806	3.751	ug/L	97
5) Vinyl chloride	1.599	62	20874	3.938	ug/L	83
6) Bromomethane	1.846	94	9319	3.675	ug/L	95
8) Chloroethane	1.924	64	14136	5.282	ug/L	95
9) Trichlorofluoromethane	2.129	101	62306	4.650	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31408	4.763	ug/L #	88
12) 1,1-Dichloroethene	2.570	96	28713	5.016	ug/L	90
13) Acetone	2.615	43	35545	47.821	ug/L	96
14) Carbon disulfide	2.782	76	72824	4.967	ug/L	100
15) Methyl Acetate	2.940	43	7622	5.340	ug/L	97
16) Methylene chloride	3.033	84	28520	4.727	ug/L	92
17) Methyl tert-butyl Ether	3.348	73	86685	5.056	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	30398	4.963	ug/L	95
19) 1,1-Dichloroethane	3.853	63	50439	4.751	ug/L	95
21) 2-Butanone	4.685	43	42372	41.797	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	35225	4.812	ug/L	93
23) Bromochloromethane	4.962	128	18705	5.092	ug/L #	81
25) Chloroform	5.074	83	71738	4.677	ug/L	99
27) 1,2-Dichloroethane	5.782	62	47862	4.451	ug/L	98

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 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Jan 29 08:32:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.303	97	75260	4.720	ug/L	98
30) Cyclohexane	5.377	56	33069	4.452	ug/L #	75
31) Carbon tetrachloride	5.512	117	71151	4.635	ug/L	100
33) Benzene	5.763	78	116991	4.696	ug/L	100
34) Trichloroethene	6.531	95	38688	4.570	ug/L	91
35) Methylcyclohexane	6.750	83	46071	4.319	ug/L	92
37) 1,2-Dichloropropane	6.775	63	24944	4.452	ug/L #	93
38) Bromodichloromethane	7.094	83	52375	4.665	ug/L	96
39) cis-1,3-Dichloropropene	7.598	75	49471	4.689	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	126499	46.798	ug/L #	94
42) Toluene	7.959	91	142851	4.824	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	46225	4.757	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	25852	4.902	ug/L	93
47) Tetrachloroethene	8.544	164	36480	4.955	ug/L	94
48) 2-Hexanone	8.672	43	85509	45.608	ug/L #	96
49) Dibromochloromethane	8.798	129	41136	4.999	ug/L	98
50) 1,2-Dibromoethane	8.914	107	26292	4.936	ug/L	95
51) Chlorobenzene	9.438	112	101370	4.937	ug/L	94
52) Ethylbenzene	9.560	91	170167	4.931	ug/L	97
53) m,p-Xylene	9.685	106	65164	4.890	ug/L	99
54) o-Xylene	10.090	106	62766	5.141	ug/L	100
55) Styrene	10.106	104	106484	5.159	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	27496	4.660	ug/L #	90
59) Bromoform	10.280	173	28414	4.999	ug/L	97
60) Isopropylbenzene	10.473	105	186496	4.920	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21763	4.521	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	163336	4.915	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	160814	5.117	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	96922	5.037	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	94612	4.901	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	87565	4.837	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6892	5.414	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.209	180	75186	4.891	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	62635	5.206	ug/L	98
71) Naphthalene	14.081	128	85712	5.552	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	53057	5.104	ug/L	95

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

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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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