

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063014.D
 Acq On : 27 Jan 2025 13:51
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005120

Quant Time: Jan 29 07:24:07 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	6.239	114	91628	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	85847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	51616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17496	5.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.882	69	13077	5.229	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.551	65	9518	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.608	46	45276	47.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.720%
24) Chloroform-d	5.046	84	61465	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.689	65	35171	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.711	84	90400	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.676	67	22446	4.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.888	98	92533	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.171	79	14547	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.621	63	39680	51.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23374	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	47523	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	44480	5.419	ug/L	97
3) Chloromethane	1.515	50	23121	5.857	ug/L	98
5) Vinyl chloride	1.596	62	23273	5.280	ug/L	99
6) Bromomethane	1.821	94	13619	6.458	ug/L	96
8) Chloroethane	1.904	64	11706	5.259	ug/L	98
9) Trichlorofluoromethane	2.116	101	57227	5.135	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	28397	5.179	ug/L	89
12) 1,1-Dichloroethene	2.563	96	23803	5.001	ug/L	88
13) Acetone	2.615	43	32162	52.030	ug/L	92
14) Carbon disulfide	2.776	76	59609	4.888	ug/L	98
15) Methyl Acetate	2.940	43	5993	5.048	ug/L #	87
16) Methylene chloride	3.026	84	25670	5.116	ug/L	91
17) Methyl tert-butyl Ether	3.348	73	72020	5.051	ug/L	95
18) trans-1,2-Dichloroethene	3.335	96	26190	5.142	ug/L	95
19) 1,1-Dichloroethane	3.850	63	41796	4.734	ug/L	93
21) 2-Butanone	4.686	43	41198	48.866	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	29521	4.849	ug/L	90
23) Bromochloromethane	4.959	128	15214	4.980	ug/L #	81
25) Chloroform	5.071	83	59528	4.666	ug/L	99

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

27) 1,2-Dichloroethane	5.779	62	40524	4.532	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	64729	4.863	ug/L	97
30) Cyclohexane	5.370	56	28061	4.526	ug/L #	78
31) Carbon tetrachloride	5.509	117	62737	4.895	ug/L	96
33) Benzene	5.759	78	96991	4.663	ug/L	100
34) Trichloroethene	6.528	95	31832	4.504	ug/L	92
35) Methylcyclohexane	6.750	83	40848	4.587	ug/L	90
37) 1,2-Dichloropropane	6.779	63	19493	4.167	ug/L #	95
38) Bromodichloromethane	7.094	83	42907	4.577	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	40184	4.563	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	102562	45.450	ug/L #	92
42) Toluene	7.959	91	116707	4.721	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	38644	4.764	ug/L	96
45) 1,1,2-Trichloroethane	8.390	97	21807	4.953	ug/L	90
47) Tetrachloroethene	8.544	164	29953	4.873	ug/L	93
48) 2-Hexanone	8.672	43	79426	50.745	ug/L #	94
49) Dibromochloromethane	8.798	129	33704	4.906	ug/L	99
50) 1,2-Dibromoethane	8.914	107	22138	4.978	ug/L	95
51) Chlorobenzene	9.438	112	84290	4.917	ug/L	95
52) Ethylbenzene	9.560	91	136845	4.750	ug/L	100
53) m,p-Xylene	9.685	106	52792	4.745	ug/L	100
54) o-Xylene	10.090	106	53873	5.285	ug/L	94
55) Styrene	10.103	104	86821	5.038	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	23427	4.756	ug/L #	91
59) Bromoform	10.280	173	23814	4.855	ug/L	96
60) Isopropylbenzene	10.473	105	149977	4.585	ug/L	98
61) 1,2,3-Trichloropropane	10.811	75	18684	4.498	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	134920	4.705	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	132348	4.880	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	80947	4.875	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	81228	4.876	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	76445	4.893	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5605	5.103	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.209	180	67028	5.052	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	50739	4.887	ug/L	99
71) Naphthalene	14.081	128	73648	5.528	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	44435	4.953	ug/L	97

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

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