

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063123.D
 Acq On : 04 Feb 2025 16:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Feb 05 07:51:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:40:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	114654	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	106938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26494	4.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.901	69	25361	4.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.554	65	12281	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.608	46	96555	44.723	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.440%
24) Chloroform-d	5.049	84	62714	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.689	65	31745	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.714	84	120011	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.679	67	39646	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.888	98	106150	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.171	79	15260	4.429	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.621	63	77568	44.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	35990	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	37752	4.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	50072	5.041	ug/L	99
3) Chloromethane	1.518	50	57285	5.264	ug/L	98
5) Vinyl chloride	1.599	62	57922	5.258	ug/L	97
6) Bromomethane	1.843	94	31188	5.631	ug/L	96
8) Chloroethane	1.920	64	34800	5.245	ug/L	97
9) Trichlorofluoromethane	2.126	101	63763	5.153	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	39160	5.149	ug/L	98
12) 1,1-Dichloroethene	2.567	96	38709	5.194	ug/L	94
13) Acetone	2.612	43	69793	51.335	ug/L	98
14) Carbon disulfide	2.779	76	132381	5.059	ug/L	100
15) Methyl Acetate	2.939	43	19663	5.295	ug/L	100
16) Methylene chloride	3.030	84	46873	5.258	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	113409	5.522	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	42340	5.313	ug/L	96
19) 1,1-Dichloroethane	3.853	63	83830	5.233	ug/L	99
21) 2-Butanone	4.685	43	124089	54.972	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	48392	5.444	ug/L	99
23) Bromochloromethane	4.959	128	21667	5.433	ug/L	98
25) Chloroform	5.074	83	84824	5.380	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	55207	5.314	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	67069	5.299	ug/L	99
30) Cyclohexane	5.373	56	70290	5.246	ug/L	100
31) Carbon tetrachloride	5.512	117	56314	5.273	ug/L	99
33) Benzene	5.763	78	189555	5.387	ug/L	100
34) Trichloroethene	6.531	95	46456	5.198	ug/L	98
35) Methylcyclohexane	6.753	83	70941	5.297	ug/L	99
37) 1,2-Dichloropropane	6.779	63	52203	5.562	ug/L	99
38) Bromodichloromethane	7.094	83	61584	5.464	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	74494	5.566	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	310681	56.080	ug/L	100
42) Toluene	7.959	91	199793	5.432	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	62186	5.550	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	37077	5.349	ug/L	98
47) Tetrachloroethene	8.544	164	33384	5.318	ug/L	100
48) 2-Hexanone	8.672	43	223096	57.082	ug/L	99
49) Dibromochloromethane	8.798	129	39945	5.475	ug/L	99
50) 1,2-Dibromoethane	8.914	107	35196	5.536	ug/L	100
51) Chlorobenzene	9.438	112	117841	5.307	ug/L	98
52) Ethylbenzene	9.560	91	207074	5.382	ug/L	99
53) m,p-Xylene	9.685	106	77296	5.570	ug/L	100
54) o-Xylene	10.090	106	75597	5.494	ug/L	100
55) Styrene	10.106	104	128378	5.667	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	48800	5.485	ug/L	98
59) Bromoform	10.283	173	24252	5.429	ug/L	97
60) Isopropylbenzene	10.476	105	197512	5.368	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	33320	5.329	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	161044	5.549	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	159543	5.716	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	88508	5.309	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	88823	5.299	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	84484	5.423	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7160	5.724	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	62267	5.467	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	50306	5.613	ug/L	100
71) Naphthalene	14.081	128	88253	6.001	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46364	5.790	ug/L	98

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

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