

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062983.D
 Acq On : 24 Jan 2025 09:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Jan 24 18:58:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 00:43:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	100755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	52112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22022	3.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	17939	3.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.557	65	13098	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.615	46	54866	48.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.220%
24) Chloroform-d	5.049	84	69161	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.689	65	37448	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.714	84	112162	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.679	67	31788	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	117134	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.171	79	17108	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.624	63	46573	43.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.460%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	30532	5.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	44707	5.157	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	39225	4.087	ug/L	99
3) Chloromethane	1.515	50	22647	3.516	ug/L	98
5) Vinyl chloride	1.599	62	27114	3.738	ug/L	100
6) Bromomethane	1.849	94	17957	3.403	ug/L	99
8) Chloroethane	1.927	64	15591	3.578	ug/L	99
9) Trichlorofluoromethane	2.132	101	57792	3.950	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	29488	4.171	ug/L	98
12) 1,1-Dichloroethene	2.570	96	25520	4.080	ug/L	90
13) Acetone	2.624	43	35997	39.843	ug/L	96
14) Carbon disulfide	2.785	76	70426	3.525	ug/L	98
15) Methyl Acetate	2.946	43	8161	4.172	ug/L	99
16) Methylene chloride	3.033	84	27605	4.029	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	73007	4.247	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	26750	3.992	ug/L	97
19) 1,1-Dichloroethane	3.853	63	49516	4.133	ug/L	97
21) 2-Butanone	4.695	43	52525	43.653	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	31434	4.308	ug/L	99
23) Bromochloromethane	4.962	128	14657	4.255	ug/L	93
25) Chloroform	5.074	83	63813	4.328	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	44166	4.581	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	62625	4.072	ug/L	99
30) Cyclohexane	5.377	56	36507	3.635	ug/L	96
31) Carbon tetrachloride	5.512	117	58839	4.163	ug/L	96
33) Benzene	5.762	78	114604	3.934	ug/L	100
34) Trichloroethene	6.531	95	35119	3.529	ug/L	97
35) Methylcyclohexane	6.753	83	46233	3.775	ug/L	98
37) 1,2-Dichloropropane	6.778	63	28440	4.138	ug/L	99
38) Bromodichloromethane	7.094	83	48436	4.382	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	51017	4.360	ug/L	99
40) 4-Methyl-2-pentanone	7.778	43	150464	46.869	ug/L	99
42) Toluene	7.958	91	140221	4.392	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	44729	4.434	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	24260	4.346	ug/L	94
47) Tetrachloroethene	8.544	164	28465	4.153	ug/L	97
48) 2-Hexanone	8.676	43	109291	47.353	ug/L	98
49) Dibromochloromethane	8.798	129	32305	4.311	ug/L	96
50) 1,2-Dibromoethane	8.913	107	23974	4.489	ug/L	97
51) Chlorobenzene	9.438	112	88913	4.259	ug/L	97
52) Ethylbenzene	9.560	91	158097	4.364	ug/L	96
53) m,p-Xylene	9.685	106	58303	4.303	ug/L	96
54) o-Xylene	10.090	106	57196	4.407	ug/L	100
55) Styrene	10.103	104	97532	4.493	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.772	83	30286	4.837	ug/L	98
59) Bromoform	10.280	173	20018	4.404	ug/L	97
60) Isopropylbenzene	10.473	105	159938	4.454	ug/L	99
61) 1,2,3-Trichloropropane	10.810	75	23367	5.055	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	141698	4.642	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	121775	4.124	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	73682	4.426	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	72767	4.334	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	72120	4.622	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.984	75	5394	4.505	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	51428	4.102	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	38519	3.814	ug/L	98
71) Naphthalene	14.080	128	54143	3.664	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	36263	4.119	ug/L	93

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

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