

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062728.D
 Acq On : 13 Jan 2025 19:41
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005099

Quant Time: Jan 13 20:07:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21039	4.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.901	69	19201	4.584	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.554	65	12055	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.605	46	62221	58.466	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.940%
24) Chloroform-d	5.049	84	67612	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.689	65	38345	5.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.714	84	109106	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.679	67	32426	5.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.888	98	107816	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.171	79	15821	5.256	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.621	63	56030	59.184	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29171	5.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	42631	5.450	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.380	85	47743	5.330	ug/L	97
3) Chloromethane	1.518	50	29463	4.902	ug/L	98
5) Vinyl chloride	1.599	62	34056	5.032	ug/L	94
6) Bromomethane	1.843	94	10254	2.082	ug/L	97
8) Chloroethane	1.923	64	21275	5.232	ug/L	98
9) Trichlorofluoromethane	2.129	101	74145	5.431	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	34459	5.224	ug/L	99
12) 1,1-Dichloroethene	2.570	96	32353	5.543	ug/L	90
13) Acetone	2.611	43	43036	51.047	ug/L	98
14) Carbon disulfide	2.782	76	97813	5.247	ug/L	100
15) Methyl Acetate	2.939	43	10049	5.505	ug/L	97
16) Methylene chloride	3.033	84	34324	5.369	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	88344	5.508	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	33487	5.356	ug/L	96
19) 1,1-Dichloroethane	3.853	63	60366	5.400	ug/L	94
21) 2-Butanone	4.685	43	63527	56.580	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	37287	5.476	ug/L	95
23) Bromochloromethane	4.962	128	18700	5.817	ug/L	94
25) Chloroform	5.071	83	73009	5.307	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	48897	5.435	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	72182	5.341	ug/L	98
30) Cyclohexane	5.373	56	44791	5.075	ug/L	94
31) Carbon tetrachloride	5.512	117	65852	5.302	ug/L	100
33) Benzene	5.762	78	136543	5.334	ug/L	100
34) Trichloroethene	6.531	95	41678	4.766	ug/L	98
35) Methylcyclohexane	6.753	83	52561	4.885	ug/L	98
37) 1,2-Dichloropropane	6.779	63	32895	5.447	ug/L	99
38) Bromodichloromethane	7.094	83	53781	5.538	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	56137	5.460	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	157509	55.837	ug/L	98
42) Toluene	7.959	91	152965	5.453	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	49039	5.533	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	26900	5.485	ug/L	96
47) Tetrachloroethene	8.544	164	31563	5.240	ug/L	99
48) 2-Hexanone	8.672	43	117800	58.086	ug/L	97
49) Dibromochloromethane	8.798	129	37044	5.625	ug/L	96
50) 1,2-Dibromoethane	8.913	107	27825	5.930	ug/L #	99
51) Chlorobenzene	9.438	112	98682	5.380	ug/L	98
52) Ethylbenzene	9.560	91	171608	5.391	ug/L	95
53) m,p-Xylene	9.685	106	64288	5.400	ug/L	98
54) o-Xylene	10.090	106	64281	5.637	ug/L	98
55) Styrene	10.103	104	107903	5.657	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	31514	5.728	ug/L #	97
59) Bromoform	10.280	173	23408	5.707	ug/L	96
60) Isopropylbenzene	10.473	105	176784	5.456	ug/L	100
61) 1,2,3-Trichloropropane	10.810	75	23747	5.694	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	150202	5.454	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	148556	5.576	ug/L	98
64) 1,3-Dichlorobenzene	11.736	146	82636	5.501	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	81244	5.363	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	76110	5.406	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6178	5.718	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	58706	5.189	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	43312	4.753	ug/L	98
71) Naphthalene	14.080	128	62151	4.662	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37724	4.749	ug/L	97

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

