

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062856.D
 Acq On : 17 Jan 2025 06:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005107

Quant Time: Jan 17 06:42:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	92197	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	88017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22722	4.450	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.898	69	18989	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.554	65	12111	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.602	46	52330	50.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.049	84	60759	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.685	65	33954	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.711	84	102703	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.676	67	27541	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.888	98	101224	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.168	79	14315	4.814	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.618	63	45221	48.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.700%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24677	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	38935	4.931	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.377	85	41327	4.705	ug/L	100
3) Chloromethane	1.515	50	24668	4.185	ug/L	97
5) Vinyl chloride	1.599	62	28548	4.301	ug/L	97
6) Bromomethane	1.837	94	15241	3.156	ug/L	94
8) Chloroethane	1.920	64	17995	4.513	ug/L	99
9) Trichlorofluoromethane	2.126	101	68026	5.081	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31787	4.914	ug/L	99
12) 1,1-Dichloroethene	2.570	96	27153	4.744	ug/L	97
13) Acetone	2.611	43	38381	46.425	ug/L	99
14) Carbon disulfide	2.782	76	79215	4.333	ug/L	99
15) Methyl Acetate	2.936	43	9249	5.167	ug/L	96
16) Methylene chloride	3.029	84	29975	4.781	ug/L	93
17) Methyl tert-butyl Ether	3.348	73	80890	5.142	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	28160	4.593	ug/L	93
19) 1,1-Dichloroethane	3.853	63	52549	4.793	ug/L	92
21) 2-Butanone	4.682	43	55073	50.019	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	32844	4.919	ug/L	100
23) Bromochloromethane	4.959	128	15873	5.035	ug/L	90
25) Chloroform	5.071	83	66200	4.907	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	44451	5.038	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	65895	4.936	ug/L	99
30) Cyclohexane	5.373	56	38775	4.447	ug/L	92
31) Carbon tetrachloride	5.508	117	62361	5.083	ug/L	96
33) Benzene	5.759	78	119639	4.731	ug/L	100
34) Trichloroethene	6.528	95	35775	4.141	ug/L	96
35) Methylcyclohexane	6.750	83	46495	4.374	ug/L	98
37) 1,2-Dichloropropane	6.775	63	28144	4.718	ug/L #	94
38) Bromodichloromethane	7.094	83	48402	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	47038	4.631	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	134532	48.278	ug/L	96
42) Toluene	7.959	91	136982	4.943	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	42261	4.827	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	23828	4.918	ug/L	96
47) Tetrachloroethene	8.541	164	28983	4.871	ug/L	92
48) 2-Hexanone	8.669	43	101511	50.670	ug/L	94
49) Dibromochloromethane	8.798	129	33448	5.142	ug/L	92
50) 1,2-Dibromoethane	8.910	107	24517	5.289	ug/L	95
51) Chlorobenzene	9.434	112	90431	4.990	ug/L	98
52) Ethylbenzene	9.560	91	156899	4.990	ug/L	98
53) m,p-Xylene	9.682	106	59748	5.080	ug/L	99
54) o-Xylene	10.090	106	57804	5.132	ug/L	96
55) Styrene	10.103	104	96965	5.146	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	28460	5.236	ug/L #	94
59) Bromoform	10.280	173	21041	5.083	ug/L	98
60) Isopropylbenzene	10.473	105	161317	4.933	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	21095	5.011	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	139917	5.034	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	135314	5.032	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	75342	4.969	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	74889	4.898	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	69795	4.912	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	5455	5.003	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	53553	4.690	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	38493	4.186	ug/L	97
71) Naphthalene	14.080	128	47761	3.549	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	32609	4.068	ug/L	94

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

