

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062951.D
 Acq On : 21 Jan 2025 19:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

Quant Time: Jan 22 02:25:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:20:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	96344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	83368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	46323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16627	3.116	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.898	69	13324	3.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.000%#
11) 1,1-Dichloroethene-d2	2.557	65	9081	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.605	46	68441	62.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.520%
24) Chloroform-d	5.049	84	60375	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.689	65	34352	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.714	84	91710	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.679	67	28475	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.888	98	76747	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.168	79	12273	4.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.618	63	47555	53.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.380%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	23500	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.180	152	35817	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	42234	4.602	ug/L	100
3) Chloromethane	1.515	50	28936	4.698	ug/L	97
5) Vinyl chloride	1.599	62	31370	4.523	ug/L	97
6) Bromomethane	1.840	94	20681	4.098	ug/L	91
8) Chloroethane	1.920	64	16328	3.918	ug/L	98
9) Trichlorofluoromethane	2.129	101	53035	3.791	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32901	4.867	ug/L	96
12) 1,1-Dichloroethene	2.570	96	28778	4.812	ug/L	85
13) Acetone	2.612	43	42213	48.862	ug/L	98
14) Carbon disulfide	2.782	76	79538	4.164	ug/L	99
15) Methyl Acetate	2.936	43	10233	5.471	ug/L	98
16) Methylene chloride	3.033	84	31281	4.775	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	81006	4.928	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	29540	4.610	ug/L	98
19) 1,1-Dichloroethane	3.853	63	55669	4.859	ug/L	97
21) 2-Butanone	4.686	43	59783	51.960	ug/L	100
22) cis-1,2-Dichloroethene	4.650	96	32980	4.726	ug/L	97
23) Bromochloromethane	4.959	128	15222	4.621	ug/L	92
25) Chloroform	5.071	83	67412	4.781	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	46835	5.080	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	65131	5.150	ug/L	99
30) Cyclohexane	5.374	56	40117	4.858	ug/L	95
31) Carbon tetrachloride	5.509	117	60868	5.237	ug/L	97
33) Benzene	5.759	78	122872	5.130	ug/L	100
34) Trichloroethene	6.531	95	36689	4.484	ug/L	97
35) Methylcyclohexane	6.750	83	46800	4.648	ug/L	98
37) 1,2-Dichloropropane	6.779	63	30579	5.412	ug/L	100
38) Bromodichloromethane	7.094	83	43345	4.770	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	44158	4.590	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	126135	47.788	ug/L	99
42) Toluene	7.959	91	126032	4.802	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	38998	4.702	ug/L	100
45) 1,1,2-Trichloroethane	8.386	97	20820	4.537	ug/L	97
47) Tetrachloroethene	8.544	164	26971	4.786	ug/L	97
48) 2-Hexanone	8.669	43	89585	47.210	ug/L	99
49) Dibromochloromethane	8.798	129	31089	5.046	ug/L	99
50) 1,2-Dibromoethane	8.910	107	21100	4.806	ug/L	96
51) Chlorobenzene	9.435	112	82239	4.791	ug/L	98
52) Ethylbenzene	9.560	91	146054	4.904	ug/L	98
53) m,p-Xylene	9.682	106	54175	4.863	ug/L	98
54) o-Xylene	10.087	106	50439	4.727	ug/L	97
55) Styrene	10.103	104	87613	4.909	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	23685	4.601	ug/L #	94
59) Bromoform	10.280	173	19560	4.841	ug/L	98
60) Isopropylbenzene	10.473	105	144608	4.530	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	18695	4.550	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	128694	4.743	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	129178	4.922	ug/L	96
64) 1,3-Dichlorobenzene	11.733	146	68663	4.640	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	69595	4.664	ug/L	98
67) 1,2-Dichlorobenzene	12.200	146	64389	4.642	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	4325	4.064	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	50036	4.489	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	33399	3.721	ug/L	99
71) Naphthalene	14.081	128	37795	2.877	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	31338	4.005	ug/L	96

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

