

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011025\
 Data File : VU062701.D
 Acq On : 10 Jan 2025 23:26
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005097

Quant Time: Jan 11 00:34:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 10 22:42:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96349	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	46592	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22290	4.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.901	69	20161	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.557	65	11868	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.605	46	63147	57.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.800%
24) Chloroform-d	5.049	84	68322	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.689	65	37251	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.714	84	108494	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.679	67	31298	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.885	98	107086	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.171	79	16439	5.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.621	63	55130	56.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.780%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29264	5.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	41105	5.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	43045	4.690	ug/L	99
3) Chloromethane	1.515	50	30176	4.899	ug/L	98
5) Vinyl chloride	1.599	62	33975	4.898	ug/L	100
6) Bromomethane	1.840	94	16415	3.253	ug/L	99
8) Chloroethane	1.920	64	22002	5.280	ug/L	99
9) Trichlorofluoromethane	2.129	101	68990	4.931	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32460	4.802	ug/L	99
12) 1,1-Dichloroethene	2.570	96	30628	5.121	ug/L	92
13) Acetone	2.612	43	43324	50.146	ug/L	99
14) Carbon disulfide	2.782	76	91609	4.795	ug/L	99
15) Methyl Acetate	2.940	43	10391	5.555	ug/L	99
16) Methylene chloride	3.033	84	34187	5.218	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	89748	5.460	ug/L	98
18) trans-1,2-Dichloroethene	3.338	96	32717	5.106	ug/L	99
19) 1,1-Dichloroethane	3.853	63	58938	5.144	ug/L	95
21) 2-Butanone	4.682	43	64168	55.768	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	37587	5.386	ug/L	99
23) Bromochloromethane	4.962	128	17990	5.461	ug/L	94
25) Chloroform	5.075	83	72178	5.119	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47187	5.118	ug/L	97
29) 1,1,1-Trichloroethane	5.300	97	68833	4.975	ug/L	99
30) Cyclohexane	5.374	56	40528	4.486	ug/L	92
31) Carbon tetrachloride	5.512	117	62363	4.905	ug/L	99
33) Benzene	5.763	78	132580	5.059	ug/L	100
34) Trichloroethene	6.531	95	39208	4.380	ug/L	96
35) Methylcyclohexane	6.750	83	49561	4.499	ug/L	99
37) 1,2-Dichloropropane	6.775	63	30854	4.991	ug/L	98
38) Bromodichloromethane	7.094	83	53895	5.421	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	54016	5.132	ug/L	97
40) 4-Methyl-2-pentanone	7.775	43	158617	54.929	ug/L	98
42) Toluene	7.959	91	147038	5.121	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	48944	5.394	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	26592	5.296	ug/L	98
47) Tetrachloroethene	8.544	164	30086	4.880	ug/L	99
48) 2-Hexanone	8.669	43	110054	53.012	ug/L	99
49) Dibromochloromethane	8.798	129	36673	5.440	ug/L	92
50) 1,2-Dibromoethane	8.914	107	27573	5.740	ug/L	98
51) Chlorobenzene	9.435	112	96966	5.164	ug/L	99
52) Ethylbenzene	9.560	91	163696	5.024	ug/L	98
53) m,p-Xylene	9.682	106	61844	5.075	ug/L	98
54) o-Xylene	10.090	106	60682	5.198	ug/L	97
55) Styrene	10.103	104	102759	5.263	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	31937	5.671	ug/L	97
59) Bromoform	10.280	173	23112	5.687	ug/L	95
60) Isopropylbenzene	10.473	105	167072	5.204	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23412	5.665	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	144450	5.293	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	140210	5.311	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	77176	5.185	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	77242	5.146	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	71935	5.156	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5694	5.319	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.209	180	54745	4.883	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	41996	4.651	ug/L	99
71) Naphthalene	14.081	128	59157	4.478	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	34891	4.433	ug/L	99

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

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