

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060925\
 Data File : VU063370.D
 Acq On : 09 Jun 2025 16:47
 Operator : MD/SY
 Sample : Q2117-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Jun 10 12:16:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 10 12:13:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43676	4.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.904	69	36588	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.554	65	16163	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.612	46	92225	45.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.220%
24) Chloroform-d	5.052	84	75097	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	38872	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.714	84	146633	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.679	67	50172	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	116063	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	15984	4.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.624	63	58535	38.753	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39394	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	39584	5.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2550	0.279	ug/L	96
3) Chloromethane	1.518	50	3551	0.309	ug/L	95
5) Vinyl chloride	1.599	62	3738	0.300	ug/L	92
6) Bromomethane	1.846	94	2114	0.312	ug/L	97
8) Chloroethane	1.924	64	2223	0.292	ug/L	100
9) Trichlorofluoromethane	2.129	101	4207	0.298	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	2772	0.343	ug/L	89
12) 1,1-Dichloroethene	2.567	96	2750	0.364	ug/L #	1
14) Carbon disulfide	2.782	76	8179	0.310	ug/L	96
15) Methyl Acetate	2.956	43	864	0.224	ug/L #	70
16) Methylene chloride	3.033	84	5241	0.542	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	4609	0.240	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	2320	0.274	ug/L	91
19) 1,1-Dichloroethane	3.862	63	4789	0.283	ug/L #	92
22) cis-1,2-Dichloroethene	4.657	96	2835	0.300	ug/L	94
23) Bromochloromethane	4.968	128	1063	0.243	ug/L	87
25) Chloroform	5.075	83	5104	0.301	ug/L	95
27) 1,2-Dichloroethane	5.795	62	2844	0.261	ug/L #	93
29) 1,1,1-Trichloroethane	5.306	97	3882	0.288	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.377	56	3469	0.248	ug/L	89
31) Carbon tetrachloride	5.515	117	3110	0.277	ug/L	97
33) Benzene	5.769	78	12108	0.324	ug/L	100
35) Methylcyclohexane	6.753	83	3564	0.258	ug/L	100
37) 1,2-Dichloropropane	6.782	63	2809	0.271	ug/L #	95
38) Bromodichloromethane	7.100	83	3480	0.284	ug/L	94
39) cis-1,3-Dichloropropene	7.602	75	3668	0.261	ug/L	88
40) 4-Methyl-2-pentanone	7.785	43	11828	2.119	ug/L #	90
42) Toluene	7.965	91	10239	0.265	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	3551	0.309	ug/L	94
45) 1,1,2-Trichloroethane	8.396	97	2022	0.273	ug/L	92
48) 2-Hexanone	8.679	43	17180	4.295	ug/L #	98
49) Dibromochloromethane	8.801	129	2134	0.269	ug/L	98
50) 1,2-Dibromoethane	8.917	107	1726	0.253	ug/L #	91
51) Chlorobenzene	9.441	112	7059	0.286	ug/L	95
52) Ethylbenzene	9.563	91	10671	0.269	ug/L	96
53) m,p-Xylene	9.685	106	3645	0.246	ug/L	68
54) o-Xylene	10.097	106	3263	0.231	ug/L	91
55) Styrene	10.116	104	4982	0.207	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	2735	0.288	ug/L	94
59) Bromoform	10.283	173	1195	0.302	ug/L #	88
60) Isopropylbenzene	10.476	105	8640	0.274	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	1547	0.287	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	5824	0.239	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	5394	0.231	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	4801	0.307	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	4736	0.302	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	4534	0.309	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	342	0.333	ug/L #	56
69) 1,3,5-Trichlorobenzene	13.849	180	1860	0.179	ug/L	89
70) 1,2,4-trichlorobenzene	13.849	180	1860	0.227	ug/L	87
71) Naphthalene	14.113	128	2261	0.193	ug/L #	72
72) 1,2,3-Trichlorobenzene	14.331	180	1718	0.230	ug/L	88

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

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