

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031325\
 Data File : VU063280.D
 Acq On : 13 Mar 2025 12:46
 Operator : MD/SY
 Sample : Q1546-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2025-01

Quant Time: Mar 14 10:26:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022125WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 14 10:17:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	184253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	181884	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75614	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	66478	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.904	69	62669	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.557	65	29853	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	4.611	46	182633	55.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.22%
24) Chloroform-d	5.049	84	141147	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.692	65	73961	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.717	84	280104	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.679	67	91910	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.888	98	233960	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloroprop...	8.174	79	27213	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.624	63	131609	51.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.94%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	73351	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
66) 1,2-Dichlorobenzene-d4	12.187	152	73236	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	4492	0.27	ug/L	97
3) Chloromethane	1.518	50	5743	0.30	ug/L	95
5) Vinyl chloride	1.599	62	5434	0.29	ug/L	85
6) Bromomethane	1.849	94	2984	0.27	ug/L	97
8) Chloroethane	1.923	64	3234	0.28	ug/L	96
9) Trichlorofluoromethane	2.129	101	5505	0.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	4478	0.33	ug/L #	81
12) 1,1-Dichloroethene	2.570	96	3570	0.27	ug/L #	1
13) Acetone	2.621	43	6978	3.31	ug/L	97
14) Carbon disulfide	2.782	76	12099	0.28	ug/L	100
15) Methyl Acetate	2.959	43	1223	0.22	ug/L #	82
16) Methylene chloride	3.036	84	5373	0.33	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	7853	0.23	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	3377	0.24	ug/L	89
19) 1,1-Dichloroethane	3.862	63	6680	0.24	ug/L	96
21) 2-Butanone	4.718	43	9131m	2.60	ug/L	
22) cis-1,2-Dichloroethene	4.656	96	3657	0.23	ug/L	85
23) Bromochloromethane	4.972	128	1840	0.26	ug/L #	92
25) Chloroform	5.078	83	7733	0.27	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	4339	0.24	ug/L #	89
29) 1,1,1-Trichloroethane	5.306	97	5466	0.24	ug/L	96
30) Cyclohexane	5.373	56	5580	0.25	ug/L	96
31) Carbon tetrachloride	5.512	117	4719	0.24	ug/L	93
33) Benzene	5.766	78	17616m	0.28	ug/L	
34) Trichloroethene	6.541	95	4103	0.26	ug/L	95
35) Methylcyclohexane	6.756	83	5907	0.26	ug/L #	85
37) 1,2-Dichloropropane	6.785	63	4115	0.24	ug/L #	92
38) Bromodichloromethane	7.097	83	5143	0.25	ug/L #	96
39) cis-1,3-Dichloropropene	7.602	75	5577m	0.24	ug/L	
40) 4-Methyl-2-pentanone	7.785	43	19629	2.22	ug/L #	86
42) Toluene	7.962	91	14937	0.23	ug/L	93
44) trans-1,3-Dichloropropene	8.203	75	4733	0.24	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	2830	0.23	ug/L	92
47) Tetrachloroethene	8.547	164	2948	0.25	ug/L	90
48) 2-Hexanone	8.679	43	24845m	4.02	ug/L	
49) Dibromochloromethane	8.801	129	3125	0.24	ug/L	100
50) 1,2-Dibromoethane	8.920	107	2562	0.23	ug/L #	98
51) Chlorobenzene	9.441	112	10226	0.25	ug/L	98
52) Ethylbenzene	9.563	91	13966	0.21	ug/L	97
53) m,p-Xylene	9.692	106	5019	0.20	ug/L	92
54) o-Xylene	10.090	106	5052m	0.21	ug/L	
55) Styrene	10.119	104	7270	0.18	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	3665	0.24	ug/L #	90
59) Bromoform	10.290	173	1776	0.26	ug/L #	88
60) Isopropylbenzene	10.479	105	12779	0.23	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	2606	0.28	ug/L	91
62) 1,3,5-Trimethylbenzene	11.084	105	8406	0.19	ug/L	94
63) 1,2,4-Trimethylbenzene	11.466	105	7808	0.19	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	6226	0.24	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	6998	0.27	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	6308	0.26	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	13.003	75	305	0.18	ug/L #	67
69) 1,3,5-Trichlorobenzene	13.219	180	4380	0.24	ug/L	94
70) 1,2,4-trichlorobenzene	13.852	180	2484	0.19	ug/L	98
71) Naphthalene	14.119	128	3268	0.19	ug/L #	78
72) 1,2,3-Trichlorobenzene	14.338	180	2412	0.22	ug/L #	93

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

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