

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056398.D
 Acq On : 16 Nov 2023 11:28
 Operator : MD/SY
 Sample : 05372-11MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDQ6MS

Quant Time: Nov 17 01:35:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	360595	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	350311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	174590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101586	3.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.908	69	83394	4.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.564	65	46163	3.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.615	46	248936	46.287	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.580%
24) Chloroform-d	5.055	84	227544	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	108716	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.721	84	426866	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.686	67	132023	4.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	391448	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.174	79	52165	4.324	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.628	63	225581	47.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	100858	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	136931	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	149603	5.236	ug/L	97
3) Chloromethane	1.515	50	152969	5.239	ug/L	98
5) Vinyl chloride	1.602	62	148328	5.273	ug/L	100
6) Bromomethane	1.853	94	67753	4.758	ug/L	95
8) Chloroethane	1.927	64	87961	5.119	ug/L	98
9) Trichlorofluoromethane	2.136	101	214743	5.297	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	128721	5.348	ug/L	98
12) 1,1-Dichloroethene	2.576	96	117288	5.313	ug/L	87
13) Acetone	2.628	43	163804	35.761	ug/L	100
14) Carbon disulfide	2.789	76	345828	4.814	ug/L	99
15) Methyl Acetate	2.946	43	41982	5.150	ug/L	100
16) Methylene chloride	3.039	84	132997	4.553	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	287415	5.359	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	121778	5.362	ug/L	98
19) 1,1-Dichloroethane	3.862	63	245560	5.458	ug/L	99
21) 2-Butanone	4.695	43	261607	44.014	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	139290	5.408	ug/L	96
23) Bromochloromethane	4.969	128	58192	5.489	ug/L	97
25) Chloroform	5.081	83	264401	5.424	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056398.D
 Acq On : 16 Nov 2023 11:28
 Operator : MD/SY
 Sample : 05372-11MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDQ6MS

Quant Time: Nov 17 01:35:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	154331	5.577	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	225409	5.606	ug/L	100
30) Cyclohexane	5.383	56	194922	5.107	ug/L	99
31) Carbon tetrachloride	5.518	117	189020	5.473	ug/L	99
33) Benzene	5.769	78	536000	5.362	ug/L	100
34) Trichloroethene	6.538	95	166369	6.109	ug/L	98
35) Methylcyclohexane	6.759	83	202667	5.155	ug/L	98
37) 1,2-Dichloropropane	6.785	63	141024	5.410	ug/L	100
38) Bromodichloromethane	7.100	83	178266	5.297	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	205058	5.354	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	694832	53.774	ug/L	98
42) Toluene	7.965	91	571367	5.521	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	166114	5.440	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	95239	5.486	ug/L	97
47) Tetrachloroethene	8.547	164	105240	5.731	ug/L	98
48) 2-Hexanone	8.679	43	501623	49.832	ug/L	99
49) Dibromochloromethane	8.804	129	110390	5.592	ug/L	98
50) 1,2-Dibromoethane	8.920	107	88628	5.408	ug/L	99
51) Chlorobenzene	9.441	112	362485	5.451	ug/L	100
52) Ethylbenzene	9.566	91	635661	5.532	ug/L	100
53) m,p-Xylene	9.689	106	243077	5.754	ug/L	99
54) o-Xylene	10.097	106	229954	5.604	ug/L	96
55) Styrene	10.110	104	400750	5.871	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	117581	5.547	ug/L #	99
59) Bromoform	10.287	173	61585	5.663	ug/L	98
60) Isopropylbenzene	10.480	105	634909	5.639	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	83272	5.559	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	523697	5.665	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	525241	5.756	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	287913	5.621	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	283077	5.510	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	263147	5.600	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	16528	5.165	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	212559	5.512	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	166057	5.287	ug/L	98
71) Naphthalene	14.084	128	247843	5.223	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	141502	5.469	ug/L	98

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

