

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056773.D
 Acq On : 12 Dec 2023 08:14
 Operator : MD/SY
 Sample : 05675-08MS
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0MS

Quant Time: Dec 12 11:04:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	245515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100984	4.799	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.907	69	80347	5.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.563	65	43872	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.615	46	214125	51.522	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.040%
24) Chloroform-d	5.055	84	204739	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.695	65	96755	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	392118	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.682	67	118001	5.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	352250	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.174	79	44365	4.888	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	185202	54.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	94460	5.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	122366	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	120135	4.670	ug/L	97
3) Chloromethane	1.518	50	120796	4.775	ug/L	98
5) Vinyl chloride	1.602	62	120601	4.801	ug/L	100
6) Bromomethane	1.853	94	60427	4.080	ug/L	93
8) Chloroethane	1.930	64	74389	5.055	ug/L	98
9) Trichlorofluoromethane	2.136	101	168052	4.747	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	99991	4.605	ug/L	100
12) 1,1-Dichloroethene	2.576	96	116788	5.859	ug/L	93
13) Acetone	2.621	43	111970	44.209	ug/L	98
14) Carbon disulfide	2.788	76	319157	4.615	ug/L	100
15) Methyl Acetate	2.946	43	29861	4.331	ug/L	91
16) Methylene chloride	3.042	84	101107	4.656	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	234896	5.315	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	97900	4.844	ug/L	97
19) 1,1-Dichloroethane	3.862	63	199216	5.125	ug/L	98
21) 2-Butanone	4.695	43	194601	45.561	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	127712	5.809	ug/L	96
23) Bromochloromethane	4.968	128	43933	4.773	ug/L	98
25) Chloroform	5.081	83	202456	4.971	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	116107	4.821	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	173200	4.970	ug/L	98
30) Cyclohexane	5.383	56	153932	4.706	ug/L	99
31) Carbon tetrachloride	5.518	117	146531	4.837	ug/L	99
33) Benzene	5.769	78	423192	4.995	ug/L	100
34) Trichloroethene	6.534	95	344681	14.830	ug/L	97
35) Methylcyclohexane	6.756	83	157176	4.582	ug/L	99
37) 1,2-Dichloropropane	6.785	63	105167	4.852	ug/L	100
38) Bromodichloromethane	7.097	83	133443	4.828	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	145308	4.600	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	495592	48.153	ug/L	99
42) Toluene	7.965	91	439456	5.013	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	119589	4.619	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	72415	4.942	ug/L	98
47) Tetrachloroethene	8.547	164	459173	28.228	ug/L	97
48) 2-Hexanone	8.679	43	355439	48.489	ug/L	98
49) Dibromochloromethane	8.804	129	79905	4.744	ug/L	95
50) 1,2-Dibromoethane	8.920	107	64777	4.763	ug/L	99
51) Chlorobenzene	9.441	112	267000	4.778	ug/L	99
52) Ethylbenzene	9.566	91	469079	4.850	ug/L	100
53) m,p-Xylene	9.688	106	173254	4.808	ug/L	98
54) o-Xylene	10.094	106	167200	4.871	ug/L	95
55) Styrene	10.110	104	278349	4.938	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	89652	5.064	ug/L	98
59) Bromoform	10.283	173	45009	4.364	ug/L	99
60) Isopropylbenzene	10.479	105	466995	4.680	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	62927	4.640	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	377346	4.627	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	373928	4.616	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	212696	4.506	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	204452	4.399	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	197272	4.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	12245	4.522	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	148959	4.176	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	114080	4.039	ug/L	98
71) Naphthalene	14.081	128	151481	3.665	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	93595	3.903	ug/L	98

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

