

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112423\
 Data File : VU056607.D
 Acq On : 24 Nov 2023 12:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005176

Quant Time: Nov 25 01:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 25 01:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	266763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	261710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133933	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100860	5.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.908	69	70660	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	43395	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.618	46	221254	55.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.220%
24) Chloroform-d	5.055	84	203214	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.695	65	96453	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	385039	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.685	67	123158	5.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.894	98	356665	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	8.174	79	48117	5.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.627	63	194803	55.000	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87628	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	123994	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	102728	4.860	ug/L	97
3) Chloromethane	1.515	50	96838	4.483	ug/L	97
5) Vinyl chloride	1.602	62	98205	4.719	ug/L	94
6) Bromomethane	1.853	94	44426	4.218	ug/L	97
8) Chloroethane	1.930	64	55601	4.374	ug/L	98
9) Trichlorofluoromethane	2.133	101	163121	5.439	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	96606	5.426	ug/L	99
12) 1,1-Dichloroethene	2.576	96	82232	5.036	ug/L	95
13) Acetone	2.628	43	145428	42.916	ug/L	98
14) Carbon disulfide	2.789	76	222201	4.181	ug/L	98
15) Methyl Acetate	2.946	43	30878	5.120	ug/L	98
16) Methylene chloride	3.039	84	104939	4.856	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	211416	5.329	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	84600	5.035	ug/L	98
19) 1,1-Dichloroethane	3.862	63	177479	5.333	ug/L	96
21) 2-Butanone	4.702	43	208827	47.492	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	97925	5.139	ug/L	99
23) Bromochloromethane	4.968	128	41579	5.301	ug/L	94
25) Chloroform	5.081	83	193480	5.366	ug/L	95

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27) 1,2-Dichloroethane	5.788	62	115403	5.637	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	165250	5.501	ug/L	100
30) Cyclohexane	5.380	56	128020	4.490	ug/L	99
31) Carbon tetrachloride	5.518	117	137271	5.320	ug/L	99
33) Benzene	5.769	78	390566	5.230	ug/L	100
34) Trichloroethene	6.538	95	106454	5.232	ug/L	98
35) Methylcyclohexane	6.759	83	140823	4.794	ug/L	97
37) 1,2-Dichloropropane	6.785	63	106948	5.492	ug/L	100
38) Bromodichloromethane	7.097	83	137446	5.467	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	153826	5.376	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	517524	53.611	ug/L	99
42) Toluene	7.965	91	422521	5.465	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	128619	5.638	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	73943	5.701	ug/L	97
47) Tetrachloroethene	8.547	164	72727	5.301	ug/L	96
48) 2-Hexanone	8.679	43	371800	49.439	ug/L	99
49) Dibromochloromethane	8.804	129	82386	5.586	ug/L	95
50) 1,2-Dibromoethane	8.917	107	63534	5.189	ug/L	99
51) Chlorobenzene	9.441	112	260271	5.239	ug/L	98
52) Ethylbenzene	9.566	91	452436	5.270	ug/L	98
53) m,p-Xylene	9.689	106	171607	5.437	ug/L	100
54) o-Xylene	10.094	106	165461	5.397	ug/L	99
55) Styrene	10.110	104	284027	5.570	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	88501	5.589	ug/L #	97
59) Bromoform	10.283	173	46056	5.520	ug/L	97
60) Isopropylbenzene	10.480	105	458965	5.314	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	59542	5.181	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	376884	5.314	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	376596	5.380	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	216788	5.518	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	207071	5.254	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	202032	5.605	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	13037	5.311	ug/L	89
69) 1,3,5-Trichlorobenzene	13.213	180	155087	5.243	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	118220	4.907	ug/L	99
71) Naphthalene	14.084	128	165973	4.559	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	100451	5.061	ug/L	98

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

