

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111423\
 Data File : VU056325.D
 Acq On : 15 Nov 2023 00:21
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005154

Quant Time: Nov 15 03:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 01:36:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	270070	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	260994	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89793	4.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.908	69	77041	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.563	65	40880	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.618	46	214705	53.304	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.055	84	200907	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.698	65	97451	5.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.721	84	370654	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	116407	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.894	98	321656	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.177	79	43844	4.878	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	193939	54.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91916	5.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	114856	4.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	99961	4.671	ug/L	97
3) Chloromethane	1.518	50	113087	5.172	ug/L	98
5) Vinyl chloride	1.602	62	109497	5.197	ug/L	100
6) Bromomethane	1.853	94	58200	5.458	ug/L	95
8) Chloroethane	1.930	64	72267	5.615	ug/L	98
9) Trichlorofluoromethane	2.136	101	150167	4.946	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	81688	4.532	ug/L	100
12) 1,1-Dichloroethene	2.576	96	85270	5.158	ug/L	94
13) Acetone	2.628	43	130238	37.963	ug/L	98
14) Carbon disulfide	2.792	76	264207	4.911	ug/L	98
15) Methyl Acetate	2.946	43	34346	5.626	ug/L	100
16) Methylene chloride	3.043	84	113285	5.178	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	231491	5.763	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	92950	5.464	ug/L	97
19) 1,1-Dichloroethane	3.862	63	186418	5.533	ug/L	99
21) 2-Butanone	4.698	43	212330	47.697	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	109000	5.650	ug/L	97
23) Bromochloromethane	4.968	128	45376	5.715	ug/L	98
25) Chloroform	5.081	83	201814	5.528	ug/L	96

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 VSTD005154

Quant Time: Nov 15 03:00:48 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	117420	5.665	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	161011	5.374	ug/L	98
30) Cyclohexane	5.383	56	123216	4.333	ug/L	99
31) Carbon tetrachloride	5.518	117	127418	4.952	ug/L	97
33) Benzene	5.769	78	410742	5.516	ug/L	100
34) Trichloroethene	6.538	95	104558	5.153	ug/L	97
35) Methylcyclohexane	6.759	83	125859	4.297	ug/L	98
37) 1,2-Dichloropropane	6.785	63	111865	5.760	ug/L	100
38) Bromodichloromethane	7.100	83	139297	5.556	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	157697	5.526	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	549099	57.038	ug/L	99
42) Toluene	7.965	91	411137	5.333	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	126324	5.553	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	74886	5.790	ug/L	95
47) Tetrachloroethene	8.550	164	65238	4.768	ug/L	98
48) 2-Hexanone	8.679	43	397517	53.004	ug/L	98
49) Dibromochloromethane	8.804	129	83615	5.685	ug/L	95
50) 1,2-Dibromoethane	8.917	107	70683	5.789	ug/L	99
51) Chlorobenzene	9.441	112	262970	5.308	ug/L	98
52) Ethylbenzene	9.566	91	447998	5.233	ug/L	99
53) m,p-Xylene	9.689	106	169660	5.390	ug/L	98
54) o-Xylene	10.097	106	165932	5.427	ug/L	100
55) Styrene	10.110	104	289469	5.692	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	94805	6.003	ug/L	98
59) Bromoform	10.287	173	48818	6.093	ug/L	97
60) Isopropylbenzene	10.480	105	424692	5.119	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	65465	5.931	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	348530	5.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	351013	5.221	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	200543	5.314	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	202621	5.353	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	189925	5.486	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	14443	6.127	ug/L	85
69) 1,3,5-Trichlorobenzene	13.213	180	146948	5.172	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	122684	5.302	ug/L	100
71) Naphthalene	14.081	128	200009	5.721	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	103769	5.444	ug/L	97

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

