

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055528.D
 Acq On : 26 Sep 2023 19:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Sep 27 04:52:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	260100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	153400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	103620	3.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.911	69	71988	3.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.200%#
11) 1,1-Dichloroethene-d2	2.563	65	46155	4.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.628	46	204440	43.056	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.120%
24) Chloroform-d	5.058	84	209765	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.698	65	93531	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
32) Benzene-d6	5.724	84	417007	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.685	67	123517	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	385484	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.177	79	46335	4.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	136311	46.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94527	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	142781	4.612	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123944	4.895	ug/L	100
3) Chloromethane	1.518	50	101140	4.540	ug/L	99
5) Vinyl chloride	1.602	62	110165	4.584	ug/L	95
6) Bromomethane	1.856	94	56003	3.669	ug/L	100
8) Chloroethane	1.930	64	57223	3.649	ug/L	94
9) Trichlorofluoromethane	2.136	101	149005	4.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	101440	5.002	ug/L	96
12) 1,1-Dichloroethene	2.576	96	95866	5.272	ug/L	92
13) Acetone	2.637	43	118776	43.883	ug/L	93
14) Carbon disulfide	2.792	76	288500	5.277	ug/L	99
15) Methyl Acetate	2.949	43	31524	5.108	ug/L	100
16) Methylene chloride	3.042	84	112761	5.175	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	209909	5.321	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	95611	5.216	ug/L	96
19) 1,1-Dichloroethane	3.865	63	177196	5.227	ug/L	97
21) 2-Butanone	4.708	43	199502	50.255	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	110711	5.210	ug/L	98
23) Bromochloromethane	4.972	128	47765	5.318	ug/L	99
25) Chloroform	5.084	83	187333	5.219	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055528.D
 Acq On : 26 Sep 2023 19:52
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Quant Time: Sep 27 04:52:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	105443	4.790	ug/L #	95
29) 1,1,1-Trichloroethane	5.312	97	165346	5.465	ug/L	97
30) Cyclohexane	5.386	56	150591	5.438	ug/L	96
31) Carbon tetrachloride	5.521	117	146069	5.633	ug/L	97
33) Benzene	5.772	78	410698	5.377	ug/L	100
34) Trichloroethene	6.537	95	111812	5.175	ug/L	98
35) Methylcyclohexane	6.759	83	161427	5.187	ug/L	99
37) 1,2-Dichloropropane	6.788	63	104850	5.249	ug/L	99
38) Bromodichloromethane	7.103	83	128620	5.495	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	148395	5.566	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	476370	52.572	ug/L	96
42) Toluene	7.965	91	446456	5.480	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	119558	5.605	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	76371	5.453	ug/L	98
47) Tetrachloroethene	8.550	164	86608	5.588	ug/L	98
48) 2-Hexanone	8.682	43	353366	50.318	ug/L	92
49) Dibromochloromethane	8.807	129	86158	5.868	ug/L	97
50) 1,2-Dibromoethane	8.920	107	71851	5.528	ug/L	99
51) Chlorobenzene	9.444	112	278256	5.332	ug/L	97
52) Ethylbenzene	9.566	91	472648	5.412	ug/L	99
53) m,p-Xylene	9.692	106	181918	5.558	ug/L	100
54) o-Xylene	10.097	106	179971	5.655	ug/L	94
55) Styrene	10.113	104	299576	5.822	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	88422	5.592	ug/L	96
59) Bromoform	10.286	173	49190	5.983	ug/L	98
60) Isopropylbenzene	10.483	105	471078	5.328	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	62357	5.207	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	380285	5.379	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	366042	5.289	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	225758	5.334	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	220885	5.221	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	212514	5.476	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11938	5.751	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	152834	5.243	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	114778	5.165	ug/L	100
71) Naphthalene	14.087	128	153027	4.756	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	102277	5.289	ug/L	97

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

