

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055223.D
 Acq On : 08 Sep 2023 06:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Sep 08 06:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	148332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	147832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	77218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38861	5.590	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 111.800%		
7) Chloroethane-d5	1.907	69	46982	5.838	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.800%		
11) 1,1-Dichloroethene-d2	2.563	65	19975	5.043	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	4.627	46	143491	71.126	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 142.260%#		
24) Chloroform-d	5.058	84	105357	5.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.200%		
26) 1,2-Dichloroethane-d4	5.701	65	55712	6.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 120.800%		
32) Benzene-d6	5.724	84	198680	5.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.800%		
36) 1,2-Dichloropropane-d6	6.688	67	68099	5.867	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 117.400%		
41) Toluene-d8	7.897	98	170151	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.200%		
43) trans-1,3-Dichloroprop...	8.177	79	16759	5.243	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.800%		
46) 2-Hexanone-d5	8.634	63	78508	60.502	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 121.000%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54075	6.625	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 132.400%#		
66) 1,2-Dichlorobenzene-d4	12.193	152	59833	5.309	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	37288	4.326	ug/L	98
3) Chloromethane	1.515	50	48132	5.485	ug/L	98
5) Vinyl chloride	1.602	62	48042	5.190	ug/L	96
6) Bromomethane	1.853	94	27544	4.933	ug/L	100
8) Chloroethane	1.930	64	31632	5.248	ug/L	96
9) Trichlorofluoromethane	2.136	101	59914	4.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	32854	4.195	ug/L	95
12) 1,1-Dichloroethene	2.576	96	31888	4.650	ug/L	85
13) Acetone	2.634	43	79480	58.781	ug/L	98
14) Carbon disulfide	2.788	76	73536	4.379	ug/L	97
15) Methyl Acetate	2.952	43	20016	7.232	ug/L	95
16) Methylene chloride	3.039	84	75310	7.187	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	105817	5.884	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	34338	4.935	ug/L	96
19) 1,1-Dichloroethane	3.865	63	83481	5.552	ug/L	99
21) 2-Butanone	4.705	43	126127	63.488	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	79558	9.341	ug/L	98
23) Bromochloromethane	4.971	128	19084	5.448	ug/L	85
25) Chloroform	5.084	83	88271	5.637	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055223.D
 Acq On : 08 Sep 2023 06:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Sep 08 06:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	56292	5.889	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	64189	5.020	ug/L	98
30) Cyclohexane	5.386	56	44009	3.870	ug/L	97
31) Carbon tetrachloride	5.524	117	49207	4.628	ug/L	99
33) Benzene	5.772	78	170101	5.406	ug/L	100
34) Trichloroethene	6.541	95	59690	6.826	ug/L	94
35) Methylcyclohexane	6.762	83	44488	3.626	ug/L	98
37) 1,2-Dichloropropane	6.788	63	48314	5.640	ug/L	99
38) Bromodichloromethane	7.103	83	57887	5.660	ug/L #	97
39) cis-1,3-Dichloropropene	7.605	75	55324	4.749	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	312359	63.927	ug/L	99
42) Toluene	7.968	91	166677	4.969	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	45954	5.025	ug/L	90
45) 1,1,2-Trichloroethane	8.399	97	35690	6.186	ug/L	94
47) Tetrachloroethene	8.550	164	26982	4.465	ug/L	92
48) 2-Hexanone	8.682	43	243427	63.603	ug/L	97
49) Dibromochloromethane	8.807	129	34910	5.543	ug/L	95
50) 1,2-Dibromoethane	8.923	107	31957	6.083	ug/L	98
51) Chlorobenzene	9.447	112	110213	4.961	ug/L	99
52) Ethylbenzene	9.569	91	171549	4.572	ug/L	100
53) m,p-Xylene	9.695	106	62876	4.528	ug/L	99
54) o-Xylene	10.100	106	64534	4.723	ug/L	98
55) Styrene	10.113	104	107959	4.784	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.778	83	45149	6.282	ug/L	94
59) Bromoform	10.290	173	17420	5.646	ug/L	96
60) Isopropylbenzene	10.483	105	156713	4.352	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	33367	6.512	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	126642	4.228	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	114046	3.863	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	79073	4.574	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	78741	4.571	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	77596	4.788	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	5453	5.524	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.219	180	49677	3.803	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	41725	3.406	ug/L	93
71) Naphthalene	14.087	128	66174	2.972	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	37226	3.501	ug/L	99

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

