

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080222\
 Data File : VU050044.D
 Acq On : 02 Aug 2022 10:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Aug 03 00:46:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93859	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44164	5.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.600%		
7) Chloroethane-d5	1.912	69	33637	5.811	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.200%		
11) 1,1-Dichloroethene-d2	2.565	65	16824	6.057	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 121.200%		
20) 2-Butanone-d5	4.645	46	105512	58.817	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 117.640%		
24) Chloroform-d	5.063	84	72399	5.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	5.703	65	35967	5.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.000%		
32) Benzene-d6	5.729	84	143952	5.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
36) 1,2-Dichloropropane-d6	6.690	67	46756	5.274	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.899	98	131548	5.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.400%		
43) trans-1,3-Dichloroprop...	8.182	79	17294	5.566	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 111.400%		
46) 2-Hexanone-d5	8.639	63	63982	55.012	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41874	5.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	42052	5.156	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	41322	5.704	ug/L	100
3) Chloromethane	1.520	50	42478	4.949	ug/L	100
5) Vinyl chloride	1.604	62	43987	5.452	ug/L	97
6) Bromomethane	1.858	94	25310	5.668	ug/L	96
8) Chloroethane	1.935	64	26676	5.832	ug/L	99
9) Trichlorofluoromethane	2.137	101	57133	6.013	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	33118	5.920	ug/L	99
12) 1,1-Dichloroethene	2.575	96	29658	5.725	ug/L	86
13) Acetone	2.649	43	67773	53.749	ug/L	92
14) Carbon disulfide	2.784	76	78631	4.997	ug/L	100
15) Methyl Acetate	2.961	43	15890	6.074	ug/L	97
16) Methylene chloride	3.041	84	44105	5.537	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	82935	5.727	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	32145	5.646	ug/L	100
19) 1,1-Dichloroethane	3.867	63	65953	5.647	ug/L	99
21) 2-Butanone	4.723	43	115996	63.871	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	37918	5.572	ug/L	99
23) Bromochloromethane	4.977	128	18236	5.851	ug/L	96
25) Chloroform	5.089	83	71926	5.495	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080222\
 Data File : VU050044.D
 Acq On : 02 Aug 2022 10:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: Aug 03 00:46:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42056	5.757	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	56851	5.847	ug/L	99
30) Cyclohexane	5.385	56	45878	5.590	ug/L	99
31) Carbon tetrachloride	5.523	117	47766	6.047	ug/L	100
33) Benzene	5.774	78	151391	5.664	ug/L	100
34) Trichloroethene	6.542	95	36853	5.673	ug/L	98
35) Methylcyclohexane	6.761	83	50046	5.841	ug/L	97
37) 1,2-Dichloropropane	6.793	63	42441	5.762	ug/L	100
38) Bromodichloromethane	7.105	83	51707	5.802	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	53288	5.591	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	263227	61.851	ug/L	100
42) Toluene	7.970	91	157770	5.805	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	47433	5.926	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	32977	5.992	ug/L	99
47) Tetrachloroethene	8.552	164	26477	5.663	ug/L	94
48) 2-Hexanone	8.687	43	207372	63.921	ug/L	98
49) Dibromochloromethane	8.809	129	36623	6.081	ug/L	99
50) 1,2-Dibromoethane	8.925	107	29342	6.004	ug/L	93
51) Chlorobenzene	9.446	112	96667	5.603	ug/L	98
52) Ethylbenzene	9.571	91	150611	5.657	ug/L	99
53) m,p-Xylene	9.693	106	57914	5.713	ug/L	100
54) o-Xylene	10.102	106	56788	5.778	ug/L	97
55) Styrene	10.115	104	98448	5.881	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	44151	6.163	ug/L	98
59) Bromoform	10.291	173	21492	6.081	ug/L	99
60) Isopropylbenzene	10.484	105	146991	5.659	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29812	5.838	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	115861	5.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	113367	5.543	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	72207	5.806	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	69213	5.624	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	70359	5.694	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6518	6.462	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	51246	5.715	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	38159	5.335	ug/L	99
71) Naphthalene	14.089	128	67061	4.728	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38649	5.444	ug/L	98

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

