

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071323\
 Data File : VU054786.D
 Acq On : 13 Jul 2023 11:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Quant Time: Jul 14 07:58:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 07:53:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	244973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	126497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	79327	4.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.907	69	69601	4.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	33738	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.628	46	215016	51.182	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	5.062	84	162392	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.698	65	84202	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.724	84	306759	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.689	67	97658	4.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.894	98	288282	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.177	79	40392	5.004	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.631	63	156179	50.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79474	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	105617	4.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	93872	4.933	ug/L	98
3) Chloromethane	1.518	50	99198	4.668	ug/L	100
5) Vinyl chloride	1.602	62	99578	4.821	ug/L	99
6) Bromomethane	1.853	94	59591	4.748	ug/L	100
8) Chloroethane	1.927	64	55339	4.684	ug/L	98
9) Trichlorofluoromethane	2.132	101	132436	4.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	68066	5.062	ug/L	96
12) 1,1-Dichloroethene	2.576	96	62645	4.998	ug/L	82
13) Acetone	2.634	43	112107	51.101	ug/L	100
14) Carbon disulfide	2.788	76	209953	4.975	ug/L	99
15) Methyl Acetate	2.952	43	26332	4.853	ug/L	96
16) Methylene chloride	3.042	84	78393	4.226	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	148083	5.008	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	62168	4.817	ug/L	98
19) 1,1-Dichloroethane	3.865	63	123435	4.934	ug/L	99
21) 2-Butanone	4.705	43	168457	50.955	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	69978	4.980	ug/L	98
23) Bromochloromethane	4.972	128	32138	5.142	ug/L	91
25) Chloroform	5.084	83	128114	4.885	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071323\
 Data File : VU054786.D
 Acq On : 13 Jul 2023 11:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Quant Time: Jul 14 07:58:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 07:53:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	81935	4.837	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	117183	5.097	ug/L	98
30) Cyclohexane	5.383	56	105507	5.158	ug/L	99
31) Carbon tetrachloride	5.521	117	103105	4.997	ug/L	100
33) Benzene	5.772	78	274386	5.115	ug/L	100
34) Trichloroethene	6.541	95	72331	4.817	ug/L	99
35) Methylcyclohexane	6.759	83	106814	5.088	ug/L	99
37) 1,2-Dichloropropane	6.788	63	70064	4.977	ug/L	99
38) Bromodichloromethane	7.103	83	92182	5.097	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	103440	4.912	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	402396	51.003	ug/L	99
42) Toluene	7.968	91	293465	5.162	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	91827	5.044	ug/L	92
45) 1,1,2-Trichloroethane	8.396	97	50921	5.052	ug/L	98
47) Tetrachloroethene	8.550	164	57573	4.734	ug/L	98
48) 2-Hexanone	8.682	43	302167	53.187	ug/L	99
49) Dibromochloromethane	8.807	129	58537	4.989	ug/L	94
50) 1,2-Dibromoethane	8.923	107	47696	4.959	ug/L	99
51) Chlorobenzene	9.444	112	181779	4.992	ug/L	98
52) Ethylbenzene	9.569	91	309246	5.081	ug/L	99
53) m,p-Xylene	9.692	106	119271	5.130	ug/L	100
54) o-Xylene	10.100	106	113109	5.209	ug/L	98
55) Styrene	10.113	104	188409	5.132	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	61900	5.037	ug/L	99
59) Bromoform	10.286	173	35343	4.776	ug/L	96
60) Isopropylbenzene	10.483	105	307475	5.238	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	46192	5.011	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	247923	5.091	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	243324	5.229	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	148399	5.021	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	145972	4.958	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	134685	4.958	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	10448	4.658	ug/L	92
69) 1,3,5-Trichlorobenzene	13.219	180	112089	5.074	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	86943	4.898	ug/L	99
71) Naphthalene	14.087	128	134513	4.799	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	77057	4.855	ug/L	99

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

