

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054776.D
 Acq On : 07 Jul 2023 11:24
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

Quant Time: Jul 08 07:55:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:50:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	118030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84011	4.817	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.907	69	70604	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	34006	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.628	46	201865	50.940	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.880%
24) Chloroform-d	5.062	84	153644	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.698	65	79014	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.724	84	293544	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.689	67	91147	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.894	98	278970	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.177	79	39191	5.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.631	63	148484	51.049	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	72912	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	103286	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89255	4.973	ug/L	100
3) Chloromethane	1.518	50	96237	4.801	ug/L	98
5) Vinyl chloride	1.602	62	98048	5.032	ug/L	97
6) Bromomethane	1.853	94	59327	5.011	ug/L	100
8) Chloroethane	1.927	64	54062	4.850	ug/L	98
9) Trichlorofluoromethane	2.132	101	127651	5.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64400	5.077	ug/L	96
12) 1,1-Dichloroethene	2.576	96	59741	5.053	ug/L	80
13) Acetone	2.637	43	106626	51.524	ug/L	99
14) Carbon disulfide	2.788	76	196786	4.943	ug/L	100
15) Methyl Acetate	2.952	43	25197	4.923	ug/L	98
16) Methylene chloride	3.042	84	68519	3.916	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	140627	5.041	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	59621	4.897	ug/L	98
19) 1,1-Dichloroethane	3.866	63	115081	4.876	ug/L	95
21) 2-Butanone	4.708	43	164524	52.756	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	66357	5.006	ug/L	98
23) Bromochloromethane	4.972	128	30911	5.243	ug/L	97
25) Chloroform	5.084	83	119326	4.824	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054776.D
 Acq On : 07 Jul 2023 11:24
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV042

Quant Time: Jul 08 07:55:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:50:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	78071	4.886	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	109102	5.046	ug/L	98
30) Cyclohexane	5.383	56	99988	5.198	ug/L	99
31) Carbon tetrachloride	5.518	117	94168	4.852	ug/L	100
33) Benzene	5.769	78	256756	5.090	ug/L	100
34) Trichloroethene	6.541	95	68051	4.819	ug/L	99
35) Methylcyclohexane	6.759	83	97176	4.921	ug/L	98
37) 1,2-Dichloropropane	6.788	63	66553	5.027	ug/L	98
38) Bromodichloromethane	7.103	83	86913	5.110	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	103238	5.213	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	383651	51.704	ug/L	100
42) Toluene	7.968	91	277999	5.199	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	85569	4.998	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	47862	5.048	ug/L	97
47) Tetrachloroethene	8.550	164	54863	4.797	ug/L	95
48) 2-Hexanone	8.682	43	296738	55.536	ug/L	99
49) Dibromochloromethane	8.807	129	55011	4.985	ug/L	98
50) 1,2-Dibromoethane	8.920	107	45533	5.033	ug/L	99
51) Chlorobenzene	9.444	112	173366	5.062	ug/L	97
52) Ethylbenzene	9.569	91	291640	5.095	ug/L	99
53) m,p-Xylene	9.692	106	110832	5.069	ug/L	96
54) o-Xylene	10.097	106	106768	5.228	ug/L	96
55) Styrene	10.113	104	181811	5.265	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	59276	5.128	ug/L	98
59) Bromoform	10.290	173	34239	4.959	ug/L	97
60) Isopropylbenzene	10.483	105	293809	5.365	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	41957	4.878	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	237219	5.221	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	230618	5.312	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	141918	5.146	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	143368	5.219	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	131894	5.203	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	9752	4.659	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	108015	5.240	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	95601	5.772	ug/L	99
71) Naphthalene	14.084	128	169809	6.492	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	86764	5.859	ug/L	99

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

