

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U062323\
 Data File : U054668.D
 Acq On : 23 Jun 2023 09:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Jun 23 23:51:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	309843	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	289429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	146179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	102590	5.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.914	69	83663	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.563	65	39728	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.628	46	250321	45.151	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.300%
24) Chloroform-d	5.058	84	174681	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	84202	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.724	84	335188	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.685	67	111687	4.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.894	98	298274	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	38765	4.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.631	63	166799	42.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84105	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	101199	4.104	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	109928	3.797	ug/L	98
3) Chloromethane	1.522	50	136181	4.095	ug/L	98
5) Vinyl chloride	1.605	62	145219	4.254	ug/L	98
6) Bromomethane	1.859	94	75699	4.033	ug/L	100
8) Chloroethane	1.933	64	92605	4.526	ug/L	100
9) Trichlorofluoromethane	2.136	101	186446	4.443	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	110650	4.507	ug/L	99
12) 1,1-Dichloroethene	2.579	96	99145	4.412	ug/L	93
13) Acetone	2.640	43	193276	36.974	ug/L	100
14) Carbon disulfide	2.792	76	245216	3.680	ug/L	100
15) Methyl Acetate	2.952	43	48823	5.040	ug/L	100
16) Methylene chloride	3.042	84	128526	4.067	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	259591	4.680	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	100267	4.321	ug/L	100
19) 1,1-Dichloroethane	3.866	63	239130	4.980	ug/L	100
21) 2-Butanone	4.705	43	326335	48.103	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	119548	4.524	ug/L	94
23) Bromochloromethane	4.968	128	50071	4.554	ug/L	93
25) Chloroform	5.084	83	230583	4.871	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062323\
 Data File : VU054668.D
 Acq On : 23 Jun 2023 09:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Jun 23 23:51:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	136328	4.913	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	190557	4.855	ug/L	98
30) Cyclohexane	5.386	56	175236	4.099	ug/L	97
31) Carbon tetrachloride	5.521	117	157432	4.655	ug/L	100
33) Benzene	5.769	78	485357	4.666	ug/L	100
34) Trichloroethene	6.537	95	121600	4.421	ug/L	97
35) Methylcyclohexane	6.759	83	163231	3.926	ug/L	98
37) 1,2-Dichloropropane	6.785	63	141138	5.018	ug/L	99
38) Bromodichloromethane	7.100	83	162253	5.097	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	173773	4.526	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	797816	53.156	ug/L	97
42) Toluene	7.965	91	505528	4.719	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	144364	4.633	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	90608	5.064	ug/L	98
47) Tetrachloroethene	8.550	164	85282	4.050	ug/L	97
48) 2-Hexanone	8.679	43	567213	50.720	ug/L	97
49) Dibromochloromethane	8.804	129	95096	5.062	ug/L	96
50) 1,2-Dibromoethane	8.920	107	79069	4.814	ug/L #	100
51) Chlorobenzene	9.444	112	308768	4.624	ug/L	98
52) Ethylbenzene	9.566	91	533521	4.560	ug/L	99
53) m,p-Xylene	9.692	106	195497	4.549	ug/L	98
54) o-Xylene	10.097	106	193615	4.659	ug/L	95
55) Styrene	10.110	104	333190	4.776	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	117205	5.157	ug/L	100
59) Bromoform	10.286	173	55939	5.330	ug/L	100
60) Isopropylbenzene	10.479	105	525625	4.915	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77360	5.237	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	410309	4.703	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	416268	4.698	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	242849	4.858	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	240414	4.792	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	226533	4.928	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	17811	5.486	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	174025	4.614	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	138201	4.431	ug/L	100
71) Naphthalene	14.081	128	205891	4.060	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	119873	4.474	ug/L	98

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

