

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055133.D
 Acq On : 06 Sep 2023 10:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005111

Quant Time: Sep 06 20:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	106228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34403	3.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.898	69	54736	5.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.560	65	22463	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.628	46	141868	53.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	5.062	84	112489	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	57182	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.724	84	210617	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	68529	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.897	98	193583	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.180	79	19513	4.635	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.634	63	89734	52.498	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.000%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54518	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	71017	4.580	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	55067	4.865	ug/L	98
3) Chloromethane	1.515	50	58123	5.044	ug/L	99
5) Vinyl chloride	1.599	62	59716	4.912	ug/L	96
6) Bromomethane	1.849	94	39461	5.382	ug/L	99
8) Chloroethane	1.917	64	43096	5.445	ug/L	99
9) Trichlorofluoromethane	2.129	101	84930	4.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50392	4.899	ug/L	99
12) 1,1-Dichloroethene	2.573	96	43693	4.852	ug/L	89
13) Acetone	2.631	43	98979	55.744	ug/L	99
14) Carbon disulfide	2.785	76	103455	4.691	ug/L	96
15) Methyl Acetate	2.952	43	20964	5.768	ug/L	100
16) Methylene chloride	3.036	84	55674	4.046	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	124297	5.263	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	44794	4.903	ug/L	94
19) 1,1-Dichloroethane	3.865	63	98262	4.976	ug/L	98
21) 2-Butanone	4.705	43	142045	54.448	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	54969	4.915	ug/L	96
23) Bromochloromethane	4.972	128	24094	5.238	ug/L	94
25) Chloroform	5.084	83	103014	5.009	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055133.D
 Acq On : 06 Sep 2023 10:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005111

Quant Time: Sep 06 20:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	65579	5.225	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	82083	4.873	ug/L	99
30) Cyclohexane	5.383	56	72828	4.862	ug/L	97
31) Carbon tetrachloride	5.521	117	69419	4.956	ug/L	98
33) Benzene	5.772	78	206782	4.989	ug/L	100
34) Trichloroethene	6.541	95	57536	4.995	ug/L	98
35) Methylcyclohexane	6.759	83	75273	4.658	ug/L	97
37) 1,2-Dichloropropane	6.791	63	60195	5.335	ug/L	98
38) Bromodichloromethane	7.103	83	68178	5.061	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	80157	5.223	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	351503	54.612	ug/L	100
42) Toluene	7.968	91	222503	5.036	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	61520	5.107	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	41575	5.471	ug/L	93
47) Tetrachloroethene	8.550	164	39707	4.988	ug/L	93
48) 2-Hexanone	8.685	43	277323	55.008	ug/L	98
49) Dibromochloromethane	8.807	129	41403	4.991	ug/L	99
50) 1,2-Dibromoethane	8.923	107	38528	5.567	ug/L #	93
51) Chlorobenzene	9.447	112	143843	4.916	ug/L	99
52) Ethylbenzene	9.569	91	243826	4.933	ug/L	100
53) m,p-Xylene	9.695	106	89400	4.888	ug/L	99
54) o-Xylene	10.100	106	88512	4.918	ug/L	94
55) Styrene	10.113	104	148053	4.981	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	52269	5.521	ug/L	88
59) Bromoform	10.290	173	22046	5.194	ug/L	99
60) Isopropylbenzene	10.483	105	242945	4.905	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	38985	5.530	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	198570	4.819	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	186999	4.604	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	113716	4.782	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	110678	4.670	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	107309	4.813	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	7288	5.367	ug/L	97
69) 1,3,5-Trichlorobenzene	13.219	180	79446	4.421	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	63899	3.792	ug/L	95
71) Naphthalene	14.087	128	112521	3.674	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	61418	4.199	ug/L	99

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

