

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046590.D
 Acq On : 24 Dec 2021 01:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Dec 24 05:01:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	84247	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21685	3.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.919	69	18967	3.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.572	65	9604	3.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.655	46	98165	50.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.070	84	51502	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.706	65	29309	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.732	84	87782	3.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.694	67	28300	4.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.899	98	78227	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.179	79	13107	4.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.636	63	95073	50.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32324	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	33152	4.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64062	4.969	ug/L	100
3) Chloromethane	1.523	50	49713	4.478	ug/L	97
5) Vinyl chloride	1.607	62	50233	4.596	ug/L	99
6) Bromomethane	1.864	94	29745	4.521	ug/L	100
8) Chloroethane	1.941	64	28715	4.475	ug/L	98
9) Trichlorofluoromethane	2.144	101	71628	5.010	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37198	5.111	ug/L	96
12) 1,1-Dichloroethene	2.584	96	36157	4.879	ug/L #	72
13) Acetone	2.681	43	81049	44.911	ug/L	67
14) Carbon disulfide	2.800	76	107548	4.443	ug/L	99
15) Methyl Acetate	2.970	43	17615	4.832	ug/L	95
16) Methylene chloride	3.051	84	42065	4.665	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	105535	4.882	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	38040	4.812	ug/L	94
19) 1,1-Dichloroethane	3.877	63	66565	4.570	ug/L	99
21) 2-Butanone	4.735	43	132893	48.537	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	41819	4.839	ug/L	97
23) Bromochloromethane	4.980	128	19772	4.597	ug/L	94
25) Chloroform	5.092	83	74747	4.751	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046590.D
 Acq On : 24 Dec 2021 01:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Dec 24 05:01:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	53380	4.753	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	67149	4.859	ug/L	97
30) Cyclohexane	5.395	56	56221	4.918	ug/L	94
31) Carbon tetrachloride	5.530	117	56745	4.894	ug/L	99
33) Benzene	5.777	78	154985	4.668	ug/L	100
34) Trichloroethene	6.546	95	41283	4.716	ug/L	98
35) Methylcyclohexane	6.764	83	60983	4.941	ug/L	97
37) 1,2-Dichloropropane	6.793	63	40472	4.778	ug/L	99
38) Bromodichloromethane	7.108	83	54544	4.652	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	58678	4.577	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	300827	47.315	ug/L	96
42) Toluene	7.970	91	168369	4.940	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	55260	4.651	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	33736	4.619	ug/L	95
47) Tetrachloroethene	8.555	164	30358	4.901	ug/L	98
48) 2-Hexanone	8.687	43	225238	47.437	ug/L	97
49) Dibromochloromethane	8.812	129	39445	4.682	ug/L	99
50) 1,2-Dibromoethane	8.925	107	32863	4.661	ug/L	95
51) Chlorobenzene	9.449	112	107493	4.934	ug/L	98
52) Ethylbenzene	9.571	91	178299	5.054	ug/L	100
53) m,p-Xylene	9.693	106	69935	5.175	ug/L	96
54) o-Xylene	10.102	106	67796	5.220	ug/L	95
55) Styrene	10.115	104	118808	5.274	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	45297	4.746	ug/L	96
59) Bromoform	10.291	173	23214	4.500	ug/L #	98
60) Isopropylbenzene	10.484	105	182465	5.299	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33818	4.560	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	151002	5.272	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	155667	5.397	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	85876	5.130	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	85362	4.981	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	82286	4.901	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7953	4.633	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	64573	5.097	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	55766	5.197	ug/L	100
71) Naphthalene	14.086	128	123047	5.163	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55779	5.250	ug/L	99

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

