

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011223\
 Data File : VV029794.D
 Acq On : 12 Jan 2023 18:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV221

Quant Time: Jan 12 22:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	215109	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	207505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	117926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82508	5.057	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.564	69	66905	4.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.105	63	145413	4.889	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	3.915	46	154077	53.280	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.560%	
24) Chloroform-d	4.339	84	153521	5.129	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.024	65	65203	5.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.043	84	316404	5.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.063	67	91368	5.072	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.307	98	293185	5.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
43) trans-1,3-Dichloroprop...	7.612	79	34480	5.241	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.800%	
46) 2-Hexanone-d5	8.088	63	146460	54.681	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.360%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70279	5.324	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	11.612	152	111125	5.183	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	102114	5.100	ug/L	98
3) Chloromethane	1.237	50	106638	5.061	ug/L	99
5) Vinyl chloride	1.307	62	108486	5.251	ug/L	100
6) Bromomethane	1.519	94	55281	5.496	ug/L	99
8) Chloroethane	1.581	64	65500	5.225	ug/L	100
9) Trichlorofluoromethane	1.748	101	142454	5.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	82907	5.200	ug/L	100
12) 1,1-Dichloroethene	2.114	96	82943	4.516	ug/L	98
13) Acetone	2.208	43	92531	44.830	ug/L	94
14) Carbon disulfide	2.288	76	281343	5.320	ug/L	100
15) Methyl Acetate	2.445	43	23974	4.460	ug/L	95
16) Methylene chloride	2.500	84	108943	4.775	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	170938	5.382	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	90990	5.329	ug/L	99
19) 1,1-Dichloroethane	3.182	63	149545	5.236	ug/L	99
21) 2-Butanone	3.995	43	141700	47.922	ug/L	89
22) cis-1,2-Dichloroethene	3.902	96	95085	5.226	ug/L	100
23) Bromochloromethane	4.240	128	39345	5.237	ug/L	95
25) Chloroform	4.365	83	156132	5.029	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011223\
 Data File : VV029794.D
 Acq On : 12 Jan 2023 18:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV221

Quant Time: Jan 12 22:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	79883	5.295	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	138715	5.148	ug/L	99
30) Cyclohexane	4.667	56	137898	5.406	ug/L	98
31) Carbon tetrachloride	4.818	117	120926	5.158	ug/L	100
33) Benzene	5.092	78	370987	5.407	ug/L	100
34) Trichloroethene	5.905	95	92128	5.299	ug/L	96
35) Methylcyclohexane	6.124	83	157991	5.382	ug/L	99
37) 1,2-Dichloropropane	6.166	63	86586	5.389	ug/L	100
38) Bromodichloromethane	6.503	83	109305	5.260	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	115788	5.374	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	386389	56.354	ug/L	99
42) Toluene	7.381	91	407193	5.503	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	93934	5.410	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	59921	5.176	ug/L	99
47) Tetrachloroethene	7.966	164	76726	5.242	ug/L	99
48) 2-Hexanone	8.137	43	272697	55.644	ug/L	97
49) Dibromochloromethane	8.236	129	72042	5.303	ug/L	100
50) 1,2-Dibromoethane	8.342	107	53117	5.286	ug/L #	97
51) Chlorobenzene	8.873	112	247444	5.267	ug/L	99
52) Ethylbenzene	9.001	91	412922	5.332	ug/L	100
53) m,p-Xylene	9.130	106	166010	5.416	ug/L	100
54) o-Xylene	9.535	106	156203	5.369	ug/L	99
55) Styrene	9.551	104	275536	5.507	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	70803	5.506	ug/L	99
59) Bromoform	9.722	173	40214	5.265	ug/L	99
60) Isopropylbenzene	9.921	105	416174	5.521	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	48241	5.525	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	350573	5.427	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	356363	5.532	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	207655	5.425	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	204893	5.370	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	189521	5.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	11021	5.337	ug/L	89
69) 1,3,5-Trichlorobenzene	12.632	180	167233	5.428	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	129514	5.379	ug/L	100
71) Naphthalene	13.490	128	180216	5.778	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	106252	5.317	ug/L	98

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

Quant Time: Jan 12 22:12:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

