

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029821.D
 Acq On : 13 Jan 2023 20:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Jan 13 21:30:09 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	5.612	114	209221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	206078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	122703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84352	5.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.400%	
7) Chloroethane-d5	1.564	69	73482	5.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 111.800%	
11) 1,1-Dichloroethene-d2	2.108	63	151045	5.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.400%	
20) 2-Butanone-d5	3.886	46	153228	54.477	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 108.960%	
24) Chloroform-d	4.342	84	161857	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.200%	
26) 1,2-Dichloroethane-d4	5.030	65	68058	5.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.400%	
32) Benzene-d6	5.047	84	328981	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.600%	
36) 1,2-Dichloropropane-d6	6.066	67	95316	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.600%	
41) Toluene-d8	7.310	98	309863	5.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.600%	
43) trans-1,3-Dichloroprop...	7.616	79	27854	4.263	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 85.200%	
46) 2-Hexanone-d5	8.085	63	150559	56.601	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 113.200%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72992	5.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 111.400%	
66) 1,2-Dichlorobenzene-d4	11.612	152	114412	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 102.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	108817	5.588	ug/L	99
3) Chloromethane	1.240	50	113413	5.534	ug/L	100
5) Vinyl chloride	1.310	62	118470	5.895	ug/L	99
6) Bromomethane	1.519	94	54913	5.613	ug/L	100
8) Chloroethane	1.584	64	73830	6.055	ug/L	100
9) Trichlorofluoromethane	1.751	101	153267	5.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	89132	5.748	ug/L	99
12) 1,1-Dichloroethene	2.117	96	88461	4.952	ug/L	98
13) Acetone	2.175	43	99618	49.622	ug/L	95
14) Carbon disulfide	2.294	76	266621	5.184	ug/L	100
15) Methyl Acetate	2.433	43	25517	4.881	ug/L	95
16) Methylene chloride	2.503	84	97723	4.403	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	173141	5.605	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	94850	5.712	ug/L	98
19) 1,1-Dichloroethane	3.188	63	162224	5.839	ug/L	98
21) 2-Butanone	3.969	43	168971	58.752	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	98192	5.549	ug/L	96
23) Bromochloromethane	4.243	128	41743	5.712	ug/L	91
25) Chloroform	4.371	83	165361	5.476	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029821.D
 Acq On : 13 Jan 2023 20:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Jan 13 21:30:09 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	5.127	62	85367	5.818	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	147662	5.518	ug/L	99
30) Cyclohexane	4.674	56	141177	5.573	ug/L	99
31) Carbon tetrachloride	4.825	117	125721	5.399	ug/L	100
33) Benzene	5.095	78	394267	5.787	ug/L	100
34) Trichloroethene	5.908	95	102412	5.931	ug/L	93
35) Methylcyclohexane	6.127	83	163909	5.623	ug/L	98
37) 1,2-Dichloropropane	6.169	63	95397	5.979	ug/L	100
38) Bromodichloromethane	6.503	83	112833	5.467	ug/L	95
39) cis-1,3-Dichloropropene	7.021	75	94786	4.430	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	403713	59.289	ug/L	98
42) Toluene	7.381	91	425621	5.792	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	75672	4.389	ug/L	96
45) 1,1,2-Trichloroethane	7.831	97	63839	5.553	ug/L	96
47) Tetrachloroethene	7.969	164	81210	5.586	ug/L	98
48) 2-Hexanone	8.136	43	289871	59.558	ug/L	100
49) Dibromochloromethane	8.239	129	69085	5.121	ug/L	100
50) 1,2-Dibromoethane	8.345	107	56434	5.655	ug/L	99
51) Chlorobenzene	8.873	112	260171	5.576	ug/L	99
52) Ethylbenzene	9.005	91	431769	5.614	ug/L	99
53) m,p-Xylene	9.130	106	173901	5.712	ug/L	99
54) o-Xylene	9.535	106	164989	5.711	ug/L	99
55) Styrene	9.551	104	296455	5.966	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.230	83	76357	5.979	ug/L	99
59) Bromoform	9.722	173	33572	4.224	ug/L	99
60) Isopropylbenzene	9.921	105	430760	5.492	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	50361	5.543	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	361350	5.376	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	368396	5.496	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	217708	5.466	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	217329	5.474	ug/L	98
67) 1,2-Dichlorobenzene	11.631	146	197663	5.521	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	10686	4.973	ug/L	95
69) 1,3,5-Trichlorobenzene	12.631	180	167383	5.221	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	133770	5.340	ug/L	100
71) Naphthalene	13.490	128	170231	5.245	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	113794	5.473	ug/L	99

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

