

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VW032405.D
 Acq On : 11 Oct 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Oct 12 03:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	107715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42323	4.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.532	69	33699	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.059	65	16024	4.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.805	46	100938	45.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.100%
24) Chloroform-d	4.252	84	71648	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	34432	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.963	84	137069	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	5.992	67	42462	3.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.200%
41) Toluene-d8	7.246	98	138353	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.558	79	16527	4.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.030	63	88986	46.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36634	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	49252	4.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62659	5.220	ug/L	99
3) Chloromethane	1.217	50	61896	5.115	ug/L	99
5) Vinyl chloride	1.281	62	60007	5.199	ug/L	99
6) Bromomethane	1.487	94	34342	4.926	ug/L	98
8) Chloroethane	1.551	64	36199	5.210	ug/L	96
9) Trichlorofluoromethane	1.715	101	71653	5.177	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44112	5.260	ug/L	99
12) 1,1-Dichloroethene	2.069	96	40400	5.114	ug/L	94
13) Acetone	2.133	43	77887	45.600	ug/L	97
14) Carbon disulfide	2.243	76	127704	4.624	ug/L	99
15) Methyl Acetate	2.384	43	19810	5.152	ug/L	99
16) Methylene chloride	2.449	84	48635	4.722	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	100992	4.696	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	43885	4.850	ug/L	98
19) 1,1-Dichloroethane	3.114	63	83047	4.879	ug/L	99
21) 2-Butanone	3.886	43	122373	45.815	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	47267	4.851	ug/L	96
23) Bromochloromethane	4.153	128	20349	4.965	ug/L	96
25) Chloroform	4.281	83	84329	5.049	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101123\
 Data File : VV032405.D
 Acq On : 11 Oct 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Oct 12 03:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	49755	5.043	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	69269	4.336	ug/L	98
30) Cyclohexane	4.587	56	68833	3.921	ug/L	97
31) Carbon tetrachloride	4.738	117	59550	4.406	ug/L	98
33) Benzene	5.011	78	178831	4.323	ug/L	100
34) Trichloroethene	5.837	95	53848	4.768	ug/L	98
35) Methylcyclohexane	6.053	83	74910	4.286	ug/L	97
37) 1,2-Dichloropropane	6.098	63	46000	4.158	ug/L	98
38) Bromodichloromethane	6.436	83	62582	4.761	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	67106	4.262	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	317927	45.411	ug/L	99
42) Toluene	7.317	91	204517	4.638	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	54926	4.245	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	36380	4.662	ug/L	98
47) Tetrachloroethene	7.908	164	38421	4.486	ug/L	98
48) 2-Hexanone	8.079	43	222012	44.946	ug/L	99
49) Dibromochloromethane	8.178	129	38673	4.760	ug/L	95
50) 1,2-Dibromoethane	8.288	107	34388	4.659	ug/L	91
51) Chlorobenzene	8.815	112	127120	4.477	ug/L	98
52) Ethylbenzene	8.950	91	222114	4.523	ug/L	100
53) m,p-Xylene	9.075	106	84238	4.625	ug/L	100
54) o-Xylene	9.480	106	78157	4.454	ug/L	99
55) Styrene	9.500	104	140989	4.757	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	41333	4.813	ug/L	99
59) Bromoform	9.667	173	20383	4.529	ug/L	100
60) Isopropylbenzene	9.869	105	217349	4.519	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30640	4.651	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	173026	4.414	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	174568	4.473	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	104065	4.529	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	106516	4.621	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	96766	4.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5817	4.322	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	74134	4.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	63346	4.244	ug/L	99
71) Naphthalene	13.442	128	110748	4.368	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	59164	4.600	ug/L	98

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

