

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032317.D
 Acq On : 09 Oct 2023 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Quant Time: Oct 09 14:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	121514	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49696	5.029	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.532	69	38508	4.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.060	65	19267	4.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.799	46	95568	38.228	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.460%
24) Chloroform-d	4.252	84	79188	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	36228	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	4.963	84	156840	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.992	67	47945	4.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.246	98	151013	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.558	79	19249	4.774	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.027	63	82559	43.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34565	4.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	52307	4.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	77392	5.715	ug/L	99
3) Chloromethane	1.217	50	73274	5.368	ug/L	99
5) Vinyl chloride	1.282	62	70897	5.445	ug/L	100
6) Bromomethane	1.487	94	41942	5.333	ug/L	97
8) Chloroethane	1.548	64	44929	5.732	ug/L	100
9) Trichlorofluoromethane	1.712	101	86641	5.549	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	56073	5.927	ug/L	99
12) 1,1-Dichloroethene	2.069	96	49069	5.506	ug/L	91
13) Acetone	2.130	43	102720	53.310	ug/L	98
14) Carbon disulfide	2.243	76	151724	4.870	ug/L	99
15) Methyl Acetate	2.381	43	20904	4.819	ug/L	99
16) Methylene chloride	2.449	84	54872	4.723	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	116730	4.811	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	52798	5.172	ug/L	96
19) 1,1-Dichloroethane	3.114	63	97985	5.103	ug/L	99
21) 2-Butanone	3.879	43	136397	45.267	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	56902	5.177	ug/L	99
23) Bromochloromethane	4.153	128	23892	5.167	ug/L	98
25) Chloroform	4.275	83	98157	5.210	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	56375	5.065	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	83500	5.262	ug/L	99
30) Cyclohexane	4.584	56	85034	4.876	ug/L	95
31) Carbon tetrachloride	4.735	117	72803	5.422	ug/L	97
33) Benzene	5.011	78	208713	5.079	ug/L	100
34) Trichloroethene	5.834	95	59668	5.319	ug/L	96
35) Methylcyclohexane	6.053	83	91528	5.272	ug/L	99
37) 1,2-Dichloropropane	6.095	63	56642	5.154	ug/L	100
38) Bromodichloromethane	6.436	83	71048	5.441	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	79643	5.092	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	342415	49.233	ug/L	99
42) Toluene	7.317	91	236739	5.404	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	63565	4.945	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	39826	5.137	ug/L	99
47) Tetrachloroethene	7.908	164	45422	5.339	ug/L	99
48) 2-Hexanone	8.079	43	251955	51.346	ug/L	99
49) Dibromochloromethane	8.178	129	43636	5.406	ug/L	95
50) 1,2-Dibromoethane	8.288	107	37279	5.084	ug/L	96
51) Chlorobenzene	8.818	112	149604	5.304	ug/L	99
52) Ethylbenzene	8.950	91	253089	5.188	ug/L	98
53) m,p-Xylene	9.075	106	95226	5.263	ug/L	99
54) o-Xylene	9.481	106	92727	5.319	ug/L	99
55) Styrene	9.500	104	160189	5.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	44216	5.183	ug/L	98
59) Bromoform	9.667	173	23536	5.272	ug/L	99
60) Isopropylbenzene	9.870	105	252850	5.299	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	32642	4.995	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	199819	5.138	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	202962	5.242	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	118552	5.201	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	119672	5.233	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	109163	5.251	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6549	4.905	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	86813	5.201	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	72478	4.895	ug/L	99
71) Naphthalene	13.445	128	116823	4.644	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	65257	5.115	ug/L	99

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

