

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033322.D
 Acq On : 14 Dec 2023 09:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Dec 14 11:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	143240	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139325	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48706	5.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.000%	
7) Chloroethane-d5	1.532	69	35629	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.400%	
11) 1,1-Dichloroethene-d2	2.060	65	18488	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 101.200%	
20) 2-Butanone-d5	3.799	46	63567	58.498	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 117.000%	
24) Chloroform-d	4.249	84	105351	5.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.000%	
26) 1,2-Dichloroethane-d4	4.944	65	45070	5.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.400%	
32) Benzene-d6	4.960	84	198632	5.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.200%	
36) 1,2-Dichloropropane-d6	5.989	67	45227	5.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.200%	
41) Toluene-d8	7.243	98	200623	5.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 114.200%	
43) trans-1,3-Dichloroprop...	7.554	79	20400	5.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 109.000%	
46) 2-Hexanone-d5	8.030	63	65451	62.645	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 125.300%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	33626	6.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 121.200%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	78418	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 108.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	92193	5.160	ug/L	97
3) Chloromethane	1.214	50	50309	4.924	ug/L	98
5) Vinyl chloride	1.285	62	51091	4.941	ug/L	97
6) Bromomethane	1.490	94	30202	4.456	ug/L	94
8) Chloroethane	1.551	64	28700	4.811	ug/L	99
9) Trichlorofluoromethane	1.715	101	94090	4.960	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	43725	4.984	ug/L	99
12) 1,1-Dichloroethene	2.069	96	41083	5.010	ug/L	94
13) Acetone	2.130	43	35246	45.827	ug/L #	56
14) Carbon disulfide	2.243	76	131354	4.919	ug/L	99
15) Methyl Acetate	2.384	43	9506	4.664	ug/L #	89
16) Methylene chloride	2.449	84	44988	4.763	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	86177	5.103	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	50944	5.130	ug/L	92
19) 1,1-Dichloroethane	3.111	63	78956	5.067	ug/L	99
21) 2-Butanone	3.886	43	54021	48.214	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	52891	5.156	ug/L	94
23) Bromochloromethane	4.149	128	23942	5.405	ug/L	95
25) Chloroform	4.278	83	96270	5.240	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	51849	5.142	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	97921	5.069	ug/L	99
30) Cyclohexane	4.584	56	59562	4.832	ug/L	94
31) Carbon tetrachloride	4.735	117	91755	5.084	ug/L	100
33) Benzene	5.011	78	193895	5.194	ug/L	100
34) Trichloroethene	5.834	95	54071	4.968	ug/L	97
35) Methylcyclohexane	6.050	83	76907	4.770	ug/L	97
37) 1,2-Dichloropropane	6.095	63	36886	4.912	ug/L	98
38) Bromodichloromethane	6.432	83	64066	5.316	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	56794	4.657	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	151056	56.851	ug/L	99
42) Toluene	7.317	91	224983	5.261	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	51122	5.029	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	30650	5.300	ug/L	97
47) Tetrachloroethene	7.905	164	52204	5.066	ug/L	98
48) 2-Hexanone	8.082	43	106308	55.512	ug/L	99
49) Dibromochloromethane	8.175	129	42448	5.233	ug/L	99
50) 1,2-Dibromoethane	8.284	107	29591	5.510	ug/L	94
51) Chlorobenzene	8.815	112	153660	5.247	ug/L	99
52) Ethylbenzene	8.947	91	251233	5.244	ug/L	100
53) m,p-Xylene	9.072	106	104047	5.277	ug/L	100
54) o-Xylene	9.477	106	99602	5.334	ug/L	93
55) Styrene	9.497	104	170078	5.551	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	30214	5.362	ug/L	97
59) Bromoform	9.667	173	25264	5.020	ug/L	96
60) Isopropylbenzene	9.866	105	267481	4.928	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	22021	5.072	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	218499	4.923	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	222185	5.060	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	138605	5.018	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	138992	5.058	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	121291	5.108	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	5287	5.206	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	103583	4.698	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	80188	4.721	ug/L	97
71) Naphthalene	13.445	128	77117	3.919	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	63908	4.687	ug/L	98

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

