

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052523\
 Data File : VW031233.D
 Acq On : 25 May 2023 15:07
 Operator : SY/MD
 Sample : VSTD02043
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020243

Quant Time: May 26 06:34:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	171586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	166902	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	98726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	381651	20.070	ug/L	0.00
7) Chloroethane-d5	1.535	69	285606	19.252	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	151757	19.307	ug/L	0.00
20) 2-Butanone-d5	3.802	46	903131	219.781	ug/L	0.00
24) Chloroform-d	4.252	84	761486	20.193	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	369673	19.840	ug/L	0.00
32) Benzene-d6	4.963	84	1397737	20.053	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	379656	16.278	ug/L	0.00
41) Toluene-d8	7.246	98	1172477	19.250	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	148507	19.803	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	729439	243.218	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	307534	18.683	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	446973	19.297	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	359337	19.463	ug/L	100
3) Chloromethane	1.217	50	366634	17.747	ug/L	100
5) Vinyl chloride	1.285	62	386269	19.334	ug/L	99
6) Bromomethane	1.490	94	181131	18.361	ug/L	97
8) Chloroethane	1.552	64	201938	19.177	ug/L	100
9) Trichlorofluoromethane	1.716	101	544646	19.827	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	283878	19.526	ug/L	99
12) 1,1-Dichloroethene	2.072	96	228575	19.682	ug/L	85
13) Acetone	2.140	43	602819	185.769	ug/L	98
14) Carbon disulfide	2.243	76	676447	19.666	ug/L	100
15) Methyl Acetate	2.384	43	126763	19.784	ug/L	98
16) Methylene chloride	2.449	84	316868	15.807	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	686666	21.438	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	260234	20.096	ug/L	99
19) 1,1-Dichloroethane	3.114	63	616195	19.289	ug/L	100
21) 2-Butanone	3.883	43	879780	216.317	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	314036	21.107	ug/L	97
23) Bromochloromethane	4.149	128	127390	19.218	ug/L	95
25) Chloroform	4.278	83	623489	19.087	ug/L	97
27) 1,2-Dichloroethane	5.043	62	370299	19.971	ug/L #	96
29) 1,1,1-Trichloroethane	4.516	97	552110	17.750	ug/L	99
30) Cyclohexane	4.587	56	506873	21.289	ug/L	100
31) Carbon tetrachloride	4.738	117	492387	18.358	ug/L	100
33) Benzene	5.014	78	1191281	19.151	ug/L	100
34) Trichloroethene	5.834	95	281719	16.858	ug/L	98
35) Methylcyclohexane	6.053	83	446291	19.319	ug/L	95
37) 1,2-Dichloropropane	6.095	63	314946	17.283	ug/L	100
38) Bromodichloromethane	6.436	83	384092	16.817	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	398139	18.435	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	1761349	197.337	ug/L	98
42) Toluene	7.320	91	1150818	18.830	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	379722	20.270	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	213225	19.350	ug/L	97
47) Tetrachloroethene	7.908	164	238483	19.689	ug/L	98
48) 2-Hexanone	8.082	43	1477142	224.466	ug/L	97
49) Dibromochloromethane	8.181	129	269655	20.366	ug/L	97
50) 1,2-Dibromoethane	8.288	107	199174	19.577	ug/L	95
51) Chlorobenzene	8.818	112	797453	19.836	ug/L	100
52) Ethylbenzene	8.950	91	1479854	21.962	ug/L	100
53) m,p-Xylene	9.079	106	540634	21.712	ug/L	96
54) o-Xylene	9.484	106	521371	21.993	ug/L	99
55) Styrene	9.500	104	924683	22.121	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	260213	18.706	ug/L	97
59) Bromoform	9.670	173	150124	18.782	ug/L	100
60) Isopropylbenzene	9.873	105	1519873	21.115	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	188094	17.432	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	1308350	22.419	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	1354396	22.665	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	683968	20.070	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	689603	19.777	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	626545	19.182	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	44048	19.370	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	554353	20.031	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	443053	20.028	ug/L	99
71) Naphthalene	13.445	128	621596	18.985	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	376239	19.775	ug/L	98

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

