

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030582.D
 Acq On : 17 Apr 2023 12:03
 Operator : SY/MD
 Sample : VSTD20019
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200219

Quant Time: Apr 18 02:12:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:09:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	297587	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	295642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	180776	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	437463	200.529	ug/L	0.00
7) Chloroethane-d5	1.535	69	385911	211.096	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	201242	194.520	ug/L	0.00
21) 2-Butanone-d5	3.796	46	540946	448.525	ug/L	0.00
24) Chloroform-d	4.259	84	776959	196.526	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	504484	198.478	ug/L	0.00
32) Benzene-d6	4.969	84	1447332	207.063	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	445103	205.002	ug/L	0.00
41) Toluene-d8	7.252	98	1409128	214.716	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	245983	224.779	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	403452	494.357	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	662783	210.371	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	599140	208.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	499436	195.202	ug/L	100
3) Chloromethane	1.217	50	640458	190.825	ug/L	99
5) Vinyl chloride	1.285	62	538957	199.179	ug/L	99
6) Bromomethane	1.490	94	203775	189.919	ug/L	99
8) Chloroethane	1.552	64	389193	209.711	ug/L	99
9) Trichlorofluoromethane	1.715	101	838619	191.224	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	449562	195.058	ug/L	98
12) 1,1-Dichloroethene	2.072	96	407637	195.627	ug/L	93
13) Acetone	2.127	43	667212	359.849	ug/L	98
14) Carbon disulfide	2.246	76	1187281	201.728	ug/L	98
15) Methyl Acetate	2.378	43	517772	209.256	ug/L	100
16) Methylene chloride	2.452	84	451233	189.232	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	429918	204.374	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	1511794	224.371	ug/L	99
19) 1,1-Dichloroethane	3.117	63	844169	196.827	ug/L	99
20) cis-1,2-Dichloroethene	3.821	96	490121	214.187	ug/L	98
22) 2-Butanone	3.876	43	822068	422.763	ug/L	97
23) Bromochloromethane	4.156	128	250352	195.887	ug/L	96
25) Chloroform	4.285	83	884985	199.361	ug/L	99
27) 1,2-Dichloroethane	5.050	62	761231	202.620	ug/L	99
29) Cyclohexane	4.593	56	794908	224.054	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	810287	195.052	ug/L	99
31) Carbon tetrachloride	4.744	117	723732	194.857	ug/L	100
33) Benzene	5.018	78	1844664	205.472	ug/L	100
34) Trichloroethene	5.841	95	485593	207.945	ug/L	98
35) Methylcyclohexane	6.059	83	808895	221.066	ug/L	99
37) 1,2-Dichloropropane	6.101	63	489599	202.615	ug/L	99
38) Bromodichloromethane	6.439	83	677569	199.611	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	849838	234.327	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	1522184	457.265	ug/L	99
42) Toluene	7.323	91	2057031	213.917	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	824366	231.361	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	485950	200.555	ug/L	98
46) Tetrachloroethene	7.915	164	419880	205.419	ug/L	99
48) 2-Hexanone	8.085	43	1242104	464.329	ug/L	100
49) Dibromochloromethane	8.185	129	552605	206.761	ug/L	98
50) 1,2-Dibromoethane	8.291	107	526836	209.844	ug/L	100
51) Chlorobenzene	8.821	112	1321286	207.471	ug/L	98
52) Ethylbenzene	8.953	91	2397114	225.176	ug/L	99
53) m,p-Xylene	9.082	106	907347	225.648	ug/L	99
54) o-Xylene	9.487	106	888355	225.828	ug/L	98
55) Styrene	9.503	104	1575240	227.966	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	832128	209.171	ug/L	100
59) Bromoform	9.673	173	455542	201.271	ug/L	100
60) Isopropylbenzene	9.876	105	2482441	220.188	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	639169	197.408	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	2122641	228.671	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	2142618	231.180	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	1198301	212.295	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	1217962	204.628	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	1186648	208.391	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	193241	201.744	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	923000	216.469	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	842653	232.759	ug/L	100
71) Naphthalene	13.448	128	2449695	247.360	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	828175	230.697	ug/L	99

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

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