

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031672.D
 Acq On : 11 Jul 2023 11:19
 Operator : SY/MD
 Sample : VSTD05041
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050241

Quant Time: Jul 12 07:26:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:24:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	299205	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	318515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	196272	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	128117	60.803	ug/L	0.00
7) Chloroethane-d5	1.532	69	109031	60.073	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	59447	55.678	ug/L	0.00
21) 2-Butanone-d5	3.796	46	164825	101.834	ug/L	0.00
24) Chloroform-d	4.256	84	273648	53.764	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	162136	51.612	ug/L	0.00
32) Benzene-d6	4.966	84	483777	53.510	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	161278	50.744	ug/L	0.00
41) Toluene-d8	7.249	98	464434	55.737	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	75276	49.069	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	115951	94.791	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	235297	49.320	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	177938	47.959	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	184291	56.164	ug/L	100
3) Chloromethane	1.217	50	173248	55.768	ug/L	100
5) Vinyl chloride	1.285	62	168963	55.093	ug/L	100
6) Bromomethane	1.490	94	104817	53.247	ug/L	100
8) Chloroethane	1.548	64	104015	52.893	ug/L	100
9) Trichlorofluoromethane	1.715	101	264748	52.642	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	149193	54.576	ug/L	100
12) 1,1-Dichloroethene	2.072	96	129843	56.716	ug/L	100
13) Acetone	2.121	43	162174	101.420	ug/L	100
14) Carbon disulfide	2.246	76	404683	57.919	ug/L	100
15) Methyl Acetate	2.378	43	144529	53.156	ug/L	100
16) Methylene chloride	2.452	84	145227	51.289	ug/L	100
17) trans-1,2-Dichloroethene	2.699	96	126572	53.789	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	383090	49.787	ug/L	100
19) 1,1-Dichloroethane	3.117	63	255774	50.775	ug/L	100
20) cis-1,2-Dichloroethene	3.821	96	131840	52.374	ug/L	100
22) 2-Butanone	3.876	43	211219	104.351	ug/L	100
23) Bromochloromethane	4.153	128	75708	54.803	ug/L	100
25) Chloroform	4.284	83	272505	51.995	ug/L	100
27) 1,2-Dichloroethane	5.047	62	204994	51.034	ug/L	100
29) Cyclohexane	4.593	56	206868	50.111	ug/L	100
30) 1,1,1-Trichloroethane	4.519	97	246024	48.382	ug/L	100
31) Carbon tetrachloride	4.741	117	223430	49.611	ug/L	100
33) Benzene	5.018	78	547275	51.601	ug/L	100
34) Trichloroethene	5.837	95	150093	52.303	ug/L	100
35) Methylcyclohexane	6.059	83	209260	50.417	ug/L	100
37) 1,2-Dichloropropane	6.098	63	153342	49.533	ug/L	100
38) Bromodichloromethane	6.439	83	211207	50.149	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	225620	49.326	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	383381	105.598	ug/L	100
42) Toluene	7.320	91	597261	54.159	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	228966	51.251	ug/L	100

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45) 1,1,2-Trichloroethane	7.773	97	152518	51.674	ug/L	100
46) Tetrachloroethene	7.911	164	115556	51.601	ug/L	100
48) 2-Hexanone	8.082	43	322447	109.572	ug/L	100
49) Dibromochloromethane	8.181	129	168301	51.178	ug/L	100
50) 1,2-Dibromoethane	8.288	107	165683	52.553	ug/L	100
51) Chlorobenzene	8.818	112	367655	50.443	ug/L	100
52) Ethylbenzene	8.953	91	625332	51.296	ug/L	100
53) m,p-Xylene	9.079	106	243130	53.979	ug/L	100
54) o-Xylene	9.484	106	218636	51.600	ug/L	100
55) Styrene	9.500	104	430176	56.117	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	234084	49.233	ug/L	100
59) Bromoform	9.670	173	130893	53.339	ug/L	100
60) Isopropylbenzene	9.873	105	613797	49.665	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	196198	50.406	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	496791	48.853	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	508740	52.766	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	314238	50.120	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	332195	49.595	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	318433	50.183	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	59364	50.871	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	230345	48.234	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	198441	47.603	ug/L	100
71) Naphthalene	13.445	128	570564	53.225	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	215613	49.802	ug/L	100

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

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