

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024832.D
 Acq On : 28 Feb 2022 11:55
 Operator : SY/MD
 Sample : VSTD10010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100210

Quant Time: Mar 01 01:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:20:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148301	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73797	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	174944	154.558	ug/L	0.00
7) Chloroethane-d5	1.568	69	136653	140.348	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	277518	127.267	ug/L	0.00
21) 2-Butanone-d5	3.883	46	211808	291.908	ug/L	0.00
24) Chloroform-d	4.346	84	303269	147.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	180201	139.581	ug/L	0.00
32) Benzene-d6	5.047	84	628337	142.965	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	196501	141.410	ug/L	0.00
41) Toluene-d8	7.313	98	561201	139.247	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	87865	124.476	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	160233	279.316	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	231976	139.791	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	193310	133.388	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	125125	107.950	ug/L	100
3) Chloromethane	1.240	50	129134	111.056	ug/L	99
5) Vinyl chloride	1.310	62	138627	112.346	ug/L	99
6) Bromomethane	1.523	94	83662	110.996	ug/L	99
8) Chloroethane	1.584	64	79721	97.153	ug/L	100
9) Trichlorofluoromethane	1.751	101	169381	96.420	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	100829	105.253	ug/L	100
12) 1,1-Dichloroethene	2.117	96	98315	106.376	ug/L	95
13) Acetone	2.178	43	115082	165.005	ug/L	98
14) Carbon disulfide	2.294	76	315260	119.737	ug/L	99
15) Methyl Acetate	2.432	43	107857	107.420	ug/L	99
16) Methylene chloride	2.506	84	118385	114.230	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	110600	115.238	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	334872	103.256	ug/L	100
19) 1,1-Dichloroethane	3.188	63	197838	107.861	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	119829	112.105	ug/L	100
22) 2-Butanone	3.969	43	148250	183.825	ug/L	94
23) Bromochloromethane	4.246	128	58737	113.025	ug/L	99
25) Chloroform	4.371	83	202852	106.869	ug/L	100
27) 1,2-Dichloroethane	5.127	62	144015	98.855	ug/L	99
29) Cyclohexane	4.677	56	173342	98.181	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	173871	97.059	ug/L	100
31) Carbon tetrachloride	4.828	117	146061	98.293	ug/L	99
33) Benzene	5.098	78	454663	104.363	ug/L	100
34) Trichloroethene	5.911	95	123421	101.546	ug/L	99
35) Methylcyclohexane	6.130	83	181501	98.340	ug/L	100
37) 1,2-Dichloropropane	6.172	63	115769	101.817	ug/L	100
38) Bromodichloromethane	6.506	83	148173	94.544	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	177510	96.828	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	282571	185.086	ug/L	100
42) Toluene	7.384	91	476399	102.825	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	165503	93.818	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	110448	101.414	ug/L	99
46) Tetrachloroethene	7.972	164	78208	106.812	ug/L	95
48) 2-Hexanone	8.136	43	227600	178.763	ug/L	99
49) Dibromochloromethane	8.243	129	109776	96.935	ug/L	97
50) 1,2-Dibromoethane	8.349	107	115596	102.370	ug/L	100
51) Chlorobenzene	8.879	112	293728	101.385	ug/L	99
52) Ethylbenzene	9.011	91	498852	97.841	ug/L	100
53) m,p-Xylene	9.136	106	190791	99.541	ug/L	99
54) o-Xylene	9.542	106	185924	97.634	ug/L	98
55) Styrene	9.558	104	324246	100.214	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	154979	100.344	ug/L	99
59) Bromoform	9.728	173	63721	90.658	ug/L	100
60) Isopropylbenzene	9.931	105	487003	91.457	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	134048	91.873	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	330018	75.733	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	411134	90.189	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	212240	96.614	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	210861	94.406	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	210021	95.387	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	32217	85.541	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	140796	96.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	124276	95.741	ug/L	99
71) Naphthalene	13.500	128	445143	95.203	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	124317	97.689	ug/L	99

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

