

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024513.D
 Acq On : 02 Feb 2022 10:27
 Operator : SY/MD
 Sample : VSTD01002
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010202

Quant Time: Feb 03 05:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	387838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	352796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	157602	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26957	9.797	ug/L	0.00
7) Chloroethane-d5	1.571	69	23380	10.940	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	55232	10.580	ug/L	0.00
21) 2-Butanone-d5	3.905	46	33198	20.685	ug/L	0.02
24) Chloroform-d	4.352	84	49501	9.841	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	31680	9.498	ug/L	0.00
32) Benzene-d6	5.050	84	99565	10.724	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	32227	12.019	ug/L	0.00
41) Toluene-d8	7.317	98	92293	10.457	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	16260	10.791	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	24224	20.748	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36094	9.815	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	29552	9.538	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	29947	9.856	ug/L	100
3) Chloromethane	1.243	50	29914	11.230	ug/L	98
5) Vinyl chloride	1.314	62	31360	11.166	ug/L	98
6) Bromomethane	1.526	94	18969	11.708	ug/L	99
8) Chloroethane	1.587	64	20903	11.933	ug/L	99
9) Trichlorofluoromethane	1.754	101	48357	9.921	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	24337	10.095	ug/L	98
12) 1,1-Dichloroethene	2.121	96	23600	10.158	ug/L	98
13) Acetone	2.192	43	37396	23.298	ug/L	97
14) Carbon disulfide	2.298	76	66310	9.871	ug/L	98
15) Methyl Acetate	2.439	43	26199	11.397	ug/L	98
16) Methylene chloride	2.510	84	26708	10.469	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	24531	10.236	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	85092	11.250	ug/L	99
19) 1,1-Dichloroethane	3.192	63	47395	11.579	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	26906	10.416	ug/L	100
22) 2-Butanone	3.989	43	36789	21.145	ug/L	97
23) Bromochloromethane	4.253	128	13018	9.078	ug/L	99
25) Chloroform	4.378	83	49167	10.521	ug/L	96
27) 1,2-Dichloroethane	5.134	62	37109	9.830	ug/L	99
29) Cyclohexane	4.677	56	42893	12.983	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	44537	10.369	ug/L	99
31) Carbon tetrachloride	4.831	117	36436	9.353	ug/L	99
33) Benzene	5.101	78	107223	11.830	ug/L	100
34) Trichloroethene	5.918	95	30217	11.915	ug/L	96
35) Methylcyclohexane	6.130	83	45572	12.213	ug/L	98
37) 1,2-Dichloropropane	6.175	63	26934	12.180	ug/L	99
38) Bromodichloromethane	6.510	83	38300	11.371	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	44337	11.970	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	74143	25.149	ug/L	98
42) Toluene	7.387	91	111966	11.085	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	41489	11.245	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	26740	11.257	ug/L	98
46) Tetrachloroethene	7.976	164	17380	8.201	ug/L	97
48) 2-Hexanone	8.143	43	61642	25.705	ug/L	98
49) Dibromochloromethane	8.246	129	27252	9.449	ug/L	96
50) 1,2-Dibromoethane	8.352	107	27100	10.657	ug/L #	95
51) Chlorobenzene	8.879	112	70384	10.469	ug/L	98
52) Ethylbenzene	9.011	91	123648	11.369	ug/L	99
53) m,p-Xylene	9.140	106	45988	10.725	ug/L	100
54) o-Xylene	9.542	106	46321	11.245	ug/L	96
55) Styrene	9.561	104	75176	10.590	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35291	10.157	ug/L	97
59) Bromoform	9.731	173	14794	8.483	ug/L	98
60) Isopropylbenzene	9.931	105	120152	13.155	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33652	13.494	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	101018	12.900	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	102137	13.067	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	47901	10.669	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	49545	10.739	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	48487	10.536	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7993	11.431	ug/L	87
69) 1,3,5-Trichlorobenzene	12.645	180	31649	9.450	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	27584	9.558	ug/L	100
71) Naphthalene	13.500	128	101233	11.523	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	26891	9.132	ug/L	99

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

