

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020992.D
 Acq On : 13 Apr 2021 11:24
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Quant Time: Apr 14 03:12:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM041321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 03:08:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	567352	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	559841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	347404	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	631602	162.90	ug/L	0.00
7) Chloroethane-d5	1.571	69	487388	165.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	1320404	177.08	ug/L	0.00
21) 2-Butanone-d5	3.892	46	840233	336.06	ug/L	0.00
24) Chloroform-d	4.352	84	1572140	196.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	1030581	194.77	ug/L	0.00
32) Benzene-d6	5.053	84	2789550	188.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	790203	176.53	ug/L	0.00
41) Toluene-d8	7.320	98	2895422	207.22	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	535104	218.62	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	756944	404.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	1280128	193.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	1429829	209.58	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	913855	175.60	ug/L	99
3) Chloromethane	1.243	50	616680	151.39	ug/L	98
5) Vinyl chloride	1.314	62	682744	163.95	ug/L	99
6) Bromomethane	1.526	94	455159	175.90	ug/L	99
8) Chloroethane	1.590	64	423745	171.39	ug/L	96
9) Trichlorofluoromethane	1.754	101	1559978	207.52	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	749980	206.62	ug/L	99
12) 1,1-Dichloroethene	2.121	96	669400	200.88	ug/L	95
13) Acetone	2.188	43	674505	366.09	ug/L	99
14) Carbon disulfide	2.297	76	1919831	179.44	ug/L	100
15) Methyl Acetate	2.436	43	577510	156.21	ug/L	100
16) Methylene chloride	2.510	84	717106	180.34	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	741229	196.48	ug/L	96
18) Methyl tert-butyl Ether	2.773	73	2369636	202.60	ug/L	99
19) 1,1-Dichloroethane	3.191	63	1232192	178.47	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	805576	200.50	ug/L	97
22) 2-Butanone	3.976	43	932750	358.89	ug/L	98
23) Bromochloromethane	4.249	128	465794	209.50	ug/L	98
25) Chloroform	4.378	83	1501973	199.50	ug/L	99
27) 1,2-Dichloroethane	5.133	62	1208398	201.78	ug/L	99
29) Cyclohexane	4.680	56	1065885	174.50	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	1521121	214.97	ug/L	98
31) Carbon tetrachloride	4.831	117	1435608	223.69	ug/L	100
33) Benzene	5.104	78	2848327	187.79	ug/L	100
34) Trichloroethene	5.915	95	842499	199.36	ug/L	97
35) Methylcyclohexane	6.137	83	1291201	199.88	ug/L	100
37) 1,2-Dichloropropane	6.178	63	676025	171.77	ug/L	100
38) Bromodichloromethane	6.513	83	1181437	206.19	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	1293137	208.05	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1752608	338.92	ug/L	99
42) Toluene	7.391	91	3388469	202.08	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	1376994	220.70	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	792957	198.75	ug/L	98
46) Tetrachloroethene	7.979	164	817963	223.70	ug/L	99
48) 2-Hexanone	8.143	43	1444819	364.38	ug/L	99
49) Dibromochloromethane	8.249	129	1110101	232.04	ug/L	98
50) 1,2-Dibromoethane	8.355	107	909500	211.61	ug/L	99
51) Chlorobenzene	8.886	112	2322771	204.99	ug/L	99
52) Ethylbenzene	9.017	91	3961264	206.35	ug/L	100
53) m,p-Xylene	9.143	106	1552521	215.91	ug/L	99
54) o-xylene	9.548	106	1528019	220.88	ug/L	96
55) Styrene	9.564	104	2674438	221.13	ug/L	99
56) Isopropylbenzene	9.937	105	4256529	223.12	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	1265408	196.39	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	1010170	192.86	ug/L	98
61) Bromoform	9.734	173	915960	225.64	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	2207456	206.86	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	2239871	202.70	ug/L	99
65) 1,2-Dichlorobenzene	11.651	146	2174532	206.28	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	354750	204.09	ug/L	98
67) 1,3,5-Trichlorobenzene	12.651	180	1896107	225.62	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	1694529	240.82	ug/L	100
69) Naphthalene	13.509	128	4721515	237.35	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	1649521	232.70	ug/L	99

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

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