

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020991.D
 Acq On : 13 Apr 2021 10:57
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Apr 14 03:11:52 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	555226	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	560487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	336102	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	318855	84.03	ug/L	0.00
7) Chloroethane-d5	1.571	69	246878	85.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	672768	92.20	ug/L	0.00
21) 2-Butanone-d5	3.892	46	417326	170.56	ug/L	0.00
24) Chloroform-d	4.352	84	807123	103.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	529333	102.23	ug/L	0.00
32) Benzene-d6	5.053	84	1405949	95.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	392453	87.57	ug/L	0.00
41) Toluene-d8	7.316	98	1455492	104.05	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	256461	104.66	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	364592	194.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	619943	93.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.631	152	684983	103.78	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.133	85	454380	89.22	ug/L	99
3) Chloromethane	1.243	50	321805	80.73	ug/L	99
5) Vinyl chloride	1.314	62	335755	82.39	ug/L	100
6) Bromomethane	1.526	94	205341	81.09	ug/L	100
8) Chloroethane	1.590	64	218752	90.41	ug/L	100
9) Trichlorofluoromethane	1.754	101	765294	104.03	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	368559	103.75	ug/L	98
12) 1,1-Dichloroethene	2.121	96	328262	100.66	ug/L	89
13) Acetone	2.188	43	286814	159.07	ug/L	98
14) Carbon disulfide	2.297	76	944240	90.18	ug/L	99
15) Methyl Acetate	2.439	43	281765	77.88	ug/L	98
16) Methylene chloride	2.510	84	354907	91.20	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	359577	97.40	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	1147521	100.25	ug/L	99
19) 1,1-Dichloroethane	3.191	63	600382	88.86	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	393762	100.14	ug/L	97
22) 2-Butanone	3.976	43	416832	163.88	ug/L	95
23) Bromochloromethane	4.252	128	229920	105.67	ug/L	99
25) Chloroform	4.378	83	745279	101.15	ug/L	98
27) 1,2-Dichloroethane	5.133	62	599448	102.28	ug/L	100
29) Cyclohexane	4.680	56	511558	83.65	ug/L	97
30) 1,1,1-Trichloroethane	4.612	97	746324	105.35	ug/L	99
31) Carbon tetrachloride	4.831	117	705517	109.80	ug/L	100
33) Benzene	5.101	78	1399256	92.15	ug/L	100
34) Trichloroethene	5.915	95	404580	95.63	ug/L	95
35) Methylcyclohexane	6.133	83	626837	96.92	ug/L	100
37) 1,2-Dichloropropane	6.175	63	334087	84.79	ug/L	100
38) Bromodichloromethane	6.513	83	575045	100.24	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	603125	96.92	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	821327	158.64	ug/L	100
42) Toluene	7.390	91	1643286	97.89	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	644160	103.12	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020991.D
 Acq On : 13 Apr 2021 10:57
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Apr 14 03:11:52 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)
45) 1,1,2-Trichloroethane	7.841	97	376057	94.15	ug/L	97
46) Tetrachloroethene	7.979	164	389935	106.52	ug/L	99
48) 2-Hexanone	8.143	43	660858	166.48	ug/L	97
49) Dibromochloromethane	8.249	129	532147	111.11	ug/L	98
50) 1,2-Dibromoethane	8.355	107	434341	100.94	ug/L	100
51) Chlorobenzene	8.886	112	1135922	100.13	ug/L	98
52) Ethylbenzene	9.014	91	1940090	100.94	ug/L	100
53) m,p-Xylene	9.140	106	758028	105.30	ug/L	98
54) o-xylene	9.548	106	734543	106.06	ug/L	94
55) Styrene	9.564	104	1283824	106.03	ug/L	98
56) Isopropylbenzene	9.934	105	2078537	108.83	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	604127	93.65	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	486146	92.71	ug/L	99
61) Bromoform	9.734	173	429619	109.39	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	1036176	100.37	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	1050981	98.31	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	1041730	102.14	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	160681	95.55	ug/L	99
67) 1,3,5-Trichlorobenzene	12.651	180	866251	106.54	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	772481	113.48	ug/L	100
69) Naphthalene	13.509	128	2199720	114.30	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	780203	113.76	ug/L	98

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

Quant Time: Apr 14 03:11:52 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

