

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020567.D
 Acq On : 12 Mar 2021 15:36
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 10:06:08 AM

Quant Time: Mar 12 15:53:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	518831	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	528212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	269555	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	840347	216.28	ug/L	0.00
7) Chloroethane-d5	1.571	69	654979	215.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1557005	231.85	ug/L	0.00
21) 2-Butanone-d5	3.889	46	1227430	582.42	ug/L	0.00
24) Chloroform-d	4.349	84	1509767	224.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	995687	236.61	ug/L	0.00
32) Benzene-d6	5.053	84	2955371	217.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	964959	231.03	ug/L	0.00
41) Toluene-d8	7.320	98	2689713	208.81	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	511031	257.88	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	897739	595.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	1354260	249.38	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	1075836	205.41	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	832031	178.59	ug/L	99
3) Chloromethane	1.243	50	1002212	231.61	ug/L	100
5) Vinyl chloride	1.314	62	989039	220.68	ug/L	99
6) Bromomethane	1.526	94	578598	193.85	ug/L	96
8) Chloroethane	1.587	64	587923	228.67	ug/L	99
9) Trichlorofluoromethane	1.751	101	1281321	200.76	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	683771	198.51	ug/L	98
12) 1,1-Dichloroethene	2.118	96	678773	200.18	ug/L	94
13) Acetone	2.185	43	816820	537.02	ug/L	100
14) Carbon disulfide	2.294	76	2167208	225.18	ug/L	100
15) Methyl Acetate	2.433	43	933195	282.01	ug/L	99
16) Methylene chloride	2.507	84	806454	217.00	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	761222	214.68	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	2441003	247.24	ug/L	99
19) 1,1-Dichloroethane	3.192	63	1459861	238.59	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	824565m	220.84	ug/L	
22) 2-Butanone	3.970	43	1354299	608.14	ug/L	96
23) Bromochloromethane	4.249	128	407189	196.35	ug/L	100
25) Chloroform	4.378	83	1503289	223.99	ug/L	99
27) 1,2-Dichloroethane	5.134	62	1199434	239.95	ug/L	98
29) Cyclohexane	4.680	56	1329271	260.32	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	1259714	213.34	ug/L	99
31) Carbon tetrachloride	4.831	117	1041912	201.56	ug/L	100
33) Benzene	5.101	78	3226470	224.77	ug/L	100
34) Trichloroethene	5.915	95	856853	201.49	ug/L	100
35) Methylcyclohexane	6.133	83	1271841	228.81	ug/L	100
37) 1,2-Dichloropropane	6.175	63	861641	238.59	ug/L	100
38) Bromodichloromethane	6.513	83	1143642	235.85	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	1371319	251.71	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	2771714	617.31	ug/L	98
42) Toluene	7.391	91	3450888	221.22	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	1381340	259.15	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020567.D
 Acq On : 12 Mar 2021 15:36
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 10:06:08 AM

Quant Time: Mar 12 15:53:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	810653	214.39	ug/L	98
46) Tetrachloroethene	7.979	164	581279	172.07	ug/L	98
48) 2-Hexanone	8.143	43	2168728	620.94	ug/L	99
49) Dibromochloromethane	8.249	129	882145	216.87	ug/L	99
50) 1,2-Dibromoethane	8.355	107	865377	214.79	ug/L	99
51) Chlorobenzene	8.886	112	2191255	203.08	ug/L	99
52) Ethylbenzene	9.018	91	4000589	231.23	ug/L	100
53) m,p-Xylene	9.143	106	1474177	222.83	ug/L	97
54) o-xylene	9.548	106	1454827	228.39	ug/L	98
55) Styrene	9.564	104	2606026	236.35	ug/L	97
56) Isopropylbenzene	9.937	105	3923483	230.80	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	1329796	255.20	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	1104842	230.80	ug/L	99
61) Bromoform	9.735	173	627908	232.14	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	1757995	213.92	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	1787047	208.59	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	1781466	215.53	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	321736	308.26	ug/L	92
67) 1,3,5-Trichlorobenzene	12.651	180	1287417	205.18	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	1164968	215.19	ug/L	99
69) Naphthalene	13.509	128	4099783	274.76	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	1135020	207.87	ug/L	99

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

