

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020321\
 Data File : VW020259.D
 Acq On : 03 Feb 2021 17:04
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Manual Integrations
 APPROVED

MMDadoda
 2/4/2021 4:35:43 PM

Quant Time: Feb 03 17:23:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 16:39:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	650480	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	627131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	384294	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	476079	116.53	ug/L	0.00
7) Chloroethane-d5	1.569	69	396455	125.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	976137	151.07	ug/L	0.00
21) 2-Butanone-d5	3.888	46	792373m	294.99	ug/L	0.00
24) Chloroform-d	4.351	84	1293277	165.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.032	65	772283	154.66	ug/L	0.00
32) Benzene-d6	5.051	84	2491532	160.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.071	67	739661	156.49	ug/L	0.00
41) Toluene-d8	7.318	98	2474335	169.91	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.621	79	433743	185.19	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	713194	339.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	1150221	171.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	1307250	184.35	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	719005	159.80	ug/L	100
3) Chloromethane	1.241	50	554997	116.28	ug/L	98
5) Vinyl chloride	1.312	62	640872	142.27	ug/L	99
6) Bromomethane	1.524	94	438775	166.07	ug/L	96
8) Chloroethane	1.585	64	368916	139.04	ug/L	100
9) Trichlorofluoromethane	1.749	101	1062003	167.11	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	658909	192.43	ug/L	# 76
12) 1,1-Dichloroethene	2.116	96	606183	184.51	ug/L	# 62
13) Acetone	2.183	43	559905	337.10	ug/L	91
14) Carbon disulfide	2.293	76	1707395	168.35	ug/L	99
15) Methyl Acetate	2.434	43	567831	140.08	ug/L	# 85
16) Methylene chloride	2.505	84	697650	169.96	ug/L	80
17) trans-1,2-Dichloroethene	2.759	96	709570	182.52	ug/L	84
18) Methyl tert-butyl Ether	2.769	73	2120913	173.16	ug/L	# 93
19) 1,1-Dichloroethane	3.190	63	1140460	161.41	ug/L	98
20) cis-1,2-Dichloroethene	3.913	96	792731	182.81	ug/L	75
22) 2-Butanone	3.971	43	833936	282.11	ug/L	85
23) Bromochloromethane	4.248	128	459418	194.14	ug/L	# 66
25) Chloroform	4.376	83	1284268	167.50	ug/L	96
27) 1,2-Dichloroethane	5.132	62	936539	155.23	ug/L	# 93
29) Cyclohexane	4.679	56	983194	156.92	ug/L	# 84
30) 1,1,1-Trichloroethane	4.611	97	1223182	172.53	ug/L	# 92
31) Carbon tetrachloride	4.830	117	1137484	184.15	ug/L	99
33) Benzene	5.100	78	2719542	163.21	ug/L	100
34) Trichloroethene	5.913	95	793723	175.36	ug/L	84
35) Methylcyclohexane	6.135	83	1186775	181.37	ug/L	88
37) 1,2-Dichloropropane	6.177	63	667024	162.32	ug/L	# 94
38) Bromodichloromethane	6.511	83	1005369	173.47	ug/L	# 97
39) cis-1,3-Dichloropropene	7.029	75	1205664	181.63	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	1605096	276.83	ug/L	# 85
42) Toluene	7.389	91	3119701	174.48	ug/L	98
44) trans-1,3-Dichloropropene	7.653	75	1170319	183.49	ug/L	98

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45) 1,1,2-Trichloroethane	7.842	97	757782	180.11	ug/L	94
46) Tetrachloroethene	7.977	164	816090	207.73	ug/L	89
48) 2-Hexanone	8.141	43	1261290	295.74	ug/L #	85
49) Dibromochloromethane	8.251	129	967246	201.55	ug/L	98
50) 1,2-Dibromoethane	8.354	107	838326	183.02	ug/L #	99
51) Chlorobenzene	8.884	112	2255465	187.43	ug/L	92
52) Ethylbenzene	9.016	91	3604125	186.97	ug/L	94
53) m,p-Xylene	9.141	106	1471593	194.46	ug/L	88
54) o-xylene	9.546	106	1419933	196.24	ug/L	88
55) Styrene	9.563	104	2490766	195.96	ug/L	92
56) Isopropylbenzene	9.936	105	3791931	197.37	ug/L	94
58) 1,1,2,2-Tetrachloroethane	10.247	83	1144240	166.05	ug/L #	96
59) 1,2,3-Trichloropropane	10.280	75	890684	159.23	ug/L	99
61) Bromoform	9.736	173	838293	206.79	ug/L #	97
62) 1,3-Dichlorobenzene	11.186	146	2104640	188.84	ug/L	96
63) 1,4-Dichlorobenzene	11.280	146	2127931	184.91	ug/L	94
65) 1,2-Dichlorobenzene	11.649	146	2070378	183.72	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.434	75	281862	165.56	ug/L #	43
67) 1,3,5-Trichlorobenzene	12.652	180	1912081	200.33	ug/L	96
68) 1,2,4-trichlorobenzene	13.270	180	1775773	204.29	ug/L	96
69) Naphthalene	13.508	128	4521015	186.43	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	1698420	197.14	ug/L	97

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

