

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020564.D
 Acq On : 12 Mar 2021 14:25
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 10:05:51 AM

Quant Time: Mar 12 15:30:40 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	463833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	449500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	218586	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	37721	10.86	ug/L	0.00
7) Chloroethane-d5	1.571	69	29954	11.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	72359	12.05	ug/L	0.00
21) 2-Butanone-d5	3.908	46	45679m	24.24	ug/L	0.00
24) Chloroform-d	4.355	84	64230	10.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	45336	12.05	ug/L	0.00
32) Benzene-d6	5.056	84	121977	10.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	40106	11.28	ug/L	0.00
41) Toluene-d8	7.323	98	107984	9.85	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	16180	9.59	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	25066	19.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	43809	9.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	42713	10.06	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	36765	8.83	ug/L	99
3) Chloromethane	1.243	50	42727	11.05	ug/L	96
5) Vinyl chloride	1.314	62	42938	10.72	ug/L	100
6) Bromomethane	1.526	94	25978	9.74	ug/L	94
8) Chloroethane	1.587	64	26740	11.63	ug/L	95
9) Trichlorofluoromethane	1.754	101	57660	10.11	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	32209	10.46	ug/L	97
12) 1,1-Dichloroethene	2.121	96	31603	10.43	ug/L	89
13) Acetone	2.191	43	40036	29.44	ug/L	93
14) Carbon disulfide	2.297	76	88897	10.33	ug/L	98
15) Methyl Acetate	2.442	43	35930	12.15	ug/L	99
16) Methylene chloride	2.510	84	36286	10.92	ug/L	93
17) trans-1,2-Dichloroethene	2.764	96	31877	10.06	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	96670	10.95	ug/L	98
19) 1,1-Dichloroethane	3.198	63	62094	11.35	ug/L	96
20) cis-1,2-Dichloroethene	3.921	96	32383	9.70	ug/L #	95
22) 2-Butanone	3.992	43	50420m	25.33	ug/L	
23) Bromochloromethane	4.256	128	16528	8.91	ug/L	87
25) Chloroform	4.384	83	64030	10.67	ug/L	98
27) 1,2-Dichloroethane	5.137	62	50468	11.29	ug/L	99
29) Cyclohexane	4.686	56	51332	11.81	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	52937	10.54	ug/L	99
31) Carbon tetrachloride	4.834	117	42485	9.66	ug/L	97
33) Benzene	5.104	78	127150	10.41	ug/L	100
34) Trichloroethene	5.921	95	38594	10.66	ug/L	96
35) Methylcyclohexane	6.133	83	49871	10.54	ug/L	98
37) 1,2-Dichloropropane	6.178	63	33643	10.95	ug/L #	94
38) Bromodichloromethane	6.516	83	45452	11.01	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	46658	10.06	ug/L	94
40) 4-Methyl-2-pentanone	7.233	43	98789	25.85	ug/L	94
42) Toluene	7.394	91	135281	10.19	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	46579	10.27	ug/L	100

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45) 1,1,2-Trichloroethane	7.844	97	32924	10.23	ug/L	95
46) Tetrachloroethene	7.982	164	23309	8.11	ug/L	93
48) 2-Hexanone	8.146	43	77008	25.91	ug/L	97
49) Dibromochloromethane	8.249	129	31787	9.18	ug/L	94
50) 1,2-Dibromoethane	8.358	107	33935	9.90	ug/L	100
51) Chlorobenzene	8.886	112	87757	9.56	ug/L	100
52) Ethylbenzene	9.017	91	145701	9.90	ug/L	99
53) m,p-Xylene	9.143	106	53001	9.41	ug/L	98
54) o-xylene	9.548	106	50615	9.34	ug/L	97
55) Styrene	9.567	104	84741	9.03	ug/L	97
56) Isopropylbenzene	9.937	105	136472	9.43	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.249	83	43543	9.82	ug/L	98
59) 1,2,3-Trichloropropane	10.281	75	43280	10.62	ug/L	97
61) Bromoform	9.738	173	18578	8.47	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	65482	9.83	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	71143	10.24	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	65238	9.73	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	8368	9.89	ug/L	90
67) 1,3,5-Trichlorobenzene	12.654	180	45256	8.89	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	37017	8.43	ug/L	98
69) Naphthalene	13.509	128	108000	8.93	ug/L	98
70) 1,2,3-Trichlorobenzene	13.750	180	36627	8.27	ug/L	96

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

