

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031821\
 Data File : VW020683.D
 Acq On : 18 Mar 2021 19:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Mar 19 04:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 19 03:58:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	415458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	418481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	221006	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	127515	38.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.10%		
7) Chloroethane-d5	1.571	69	100899	37.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.26%		
11) 1,1-Dichloroethene-d2	2.111	63	251932	39.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.10%		
21) 2-Butanone-d5	3.899	46	243734	113.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.32%		
24) Chloroform-d	4.352	84	277416	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.26%		
26) 1,2-Dichloroethane-d4	5.037	65	190275	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.02%		
32) Benzene-d6	5.053	84	520474	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.02%		
36) 1,2-Dichloropropane-d6	6.072	67	172010	46.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.00%		
41) Toluene-d8	7.320	98	486805	47.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.74%		
43) trans-1,3-Dichloroprop...	7.625	79	84767	49.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.06%		
47) 2-Hexanone-d5	8.091	63	162317	117.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	117.28%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	243877	52.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.52%		
64) 1,2-Dichlorobenzene-d4	11.631	152	204688	47.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	198833	57.97	ug/L	100
3) Chloromethane	1.243	50	206198	51.96	ug/L	100
5) Vinyl chloride	1.314	62	194224	48.82	ug/L	100
6) Bromomethane	1.526	94	110133	46.99	ug/L	99
8) Chloroethane	1.587	64	111104	46.02	ug/L	95
9) Trichlorofluoromethane	1.754	101	268415	50.63	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	136246	47.13	ug/L	96
12) 1,1-Dichloroethene	2.121	96	124925	44.54	ug/L	85
13) Acetone	2.188	43	165409	94.15	ug/L	97
14) Carbon disulfide	2.297	76	395538	46.51	ug/L	100
15) Methyl Acetate	2.439	43	182167	54.14	ug/L	98
16) Methylene chloride	2.510	84	158512	48.78	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	146053	48.75	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	467838	51.34	ug/L	98
19) 1,1-Dichloroethane	3.191	63	283230	49.54	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	163766	52.95	ug/L #	94
22) 2-Butanone	3.979	43	253607	104.36	ug/L	98
23) Bromochloromethane	4.252	128	81667	52.92	ug/L	93
25) Chloroform	4.378	83	304475	50.99	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	237843	50.43	ug/L	98
29) Cyclohexane	4.683	56	251777	49.13	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	256924	50.80	ug/L	99
31) Carbon tetrachloride	4.834	117	213515	51.96	ug/L	99
33) Benzene	5.104	78	640491	50.72	ug/L	100
34) Trichloroethene	5.918	95	174340	48.94	ug/L	96
35) Methylcyclohexane	6.136	83	244839	50.00	ug/L	99
37) 1,2-Dichloropropane	6.178	63	172059	52.19	ug/L	100
38) Bromodichloromethane	6.516	83	214100	49.32	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	243189	49.73	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	531353	107.16	ug/L	97
42) Toluene	7.390	91	694581	52.69	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	245150	51.00	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	161882	52.69	ug/L	100
46) Tetrachloroethene	7.979	164	122549	53.61	ug/L	97
48) 2-Hexanone	8.143	43	414001	106.90	ug/L	99
49) Dibromochloromethane	8.249	129	167258	52.29	ug/L	100
50) 1,2-Dibromoethane	8.355	107	170866	51.93	ug/L	96
51) Chlorobenzene	8.886	112	435437	51.07	ug/L	99
52) Ethylbenzene	9.017	91	769751	51.58	ug/L	97
53) m,p-Xylene	9.143	106	283680	52.06	ug/L	98
54) o-xylene	9.548	106	280407	53.15	ug/L	94
55) Styrene	9.564	104	500045	54.28	ug/L	96
56) Isopropylbenzene	9.937	105	750551	52.58	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	244907	53.68	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	217534	52.07	ug/L	100
61) Bromoform	9.734	173	110250	50.33	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	356067	50.73	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	362329	49.46	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	353662	50.62	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	53390	50.61	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	251075	50.23	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	216849	49.97	ug/L	97
69) Naphthalene	13.509	128	710207	50.34	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	224510	52.19	ug/L	99

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

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