

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020569.D
 Acq On : 12 Mar 2021 17:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Mar 13 02:19:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:57:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	561937	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	554531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	282749	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	208977	46.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.20%		
7) Chloroethane-d5	1.568	69	171282	47.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.46%		
11) 1,1-Dichloroethene-d2	2.111	63	413681	48.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.02%		
21) 2-Butanone-d5	3.889	46	293241	100.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.80%		
24) Chloroform-d	4.349	84	381021	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.72%		
26) 1,2-Dichloroethane-d4	5.031	65	251693	48.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.84%		
32) Benzene-d6	5.050	84	740458	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.66%		
36) 1,2-Dichloropropane-d6	6.069	67	239211	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.60%		
41) Toluene-d8	7.317	98	667260	49.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.00%		
43) trans-1,3-Dichloroprop...	7.622	79	119135	52.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.00%		
47) 2-Hexanone-d5	8.088	63	195335	106.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.51%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	312098	50.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.90%		
64) 1,2-Dichlorobenzene-d4	11.628	152	260456	47.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.08%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	226013	48.72	ug/L	99
3) Chloromethane	1.243	50	264723	49.32	ug/L	99
5) Vinyl chloride	1.314	62	263018	48.88	ug/L	98
6) Bromomethane	1.523	94	156287	49.30	ug/L	97
8) Chloroethane	1.587	64	163404	50.05	ug/L	99
9) Trichlorofluoromethane	1.754	101	349050	48.68	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	192006	49.11	ug/L	96
12) 1,1-Dichloroethene	2.118	96	183868	48.47	ug/L	96
13) Acetone	2.182	43	214882	90.43	ug/L	99
14) Carbon disulfide	2.294	76	573158	49.83	ug/L	100
15) Methyl Acetate	2.436	43	239454	52.62	ug/L	98
16) Methylene chloride	2.507	84	213168	48.50	ug/L	95
17) trans-1,2-Dichloroethene	2.761	96	199920	49.33	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	637534	51.73	ug/L	99
19) 1,1-Dichloroethane	3.188	63	391049	50.57	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	215617	51.54	ug/L #	94
22) 2-Butanone	3.973	43	328200	99.85	ug/L	93
23) Bromochloromethane	4.249	128	105305	50.45	ug/L	97
25) Chloroform	4.375	83	404981	50.14	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	312043	48.91	ug/L	99
29) Cyclohexane	4.677	56	348176	51.27	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	337263	50.32	ug/L	99
31) Carbon tetrachloride	4.828	117	277262	50.92	ug/L	97
33) Benzene	5.098	78	847211	50.63	ug/L	100
34) Trichloroethene	5.915	95	226001	47.87	ug/L	99
35) Methylcyclohexane	6.134	83	340483	52.47	ug/L	99
37) 1,2-Dichloropropane	6.175	63	227139	51.99	ug/L	99
38) Bromodichloromethane	6.510	83	287902	50.05	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	345514	53.32	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	680255	103.53	ug/L	96
42) Toluene	7.387	91	892610	51.10	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	335575	52.68	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	207376	50.94	ug/L	98
46) Tetrachloroethene	7.976	164	153704	50.74	ug/L	97
48) 2-Hexanone	8.140	43	525518	102.40	ug/L	97
49) Dibromochloromethane	8.249	129	213244	50.31	ug/L	99
50) 1,2-Dibromoethane	8.355	107	217173	49.81	ug/L	100
51) Chlorobenzene	8.883	112	560308	49.59	ug/L	99
52) Ethylbenzene	9.014	91	1015912	51.38	ug/L	99
53) m,p-Xylene	9.140	106	370555	51.32	ug/L	100
54) o-xylene	9.548	106	359093	51.37	ug/L	99
55) Styrene	9.564	104	642139	52.61	ug/L	95
56) Isopropylbenzene	9.934	105	990099	52.35	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	312520	51.69	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	273566	49.41	ug/L	99
61) Bromoform	9.735	173	142588	50.88	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	438712	48.86	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	460527	49.14	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	445410	49.83	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	69088	51.19	ug/L	92
67) 1,3,5-Trichlorobenzene	12.651	180	312747	48.91	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	284901	51.32	ug/L	98
69) Naphthalene	13.509	128	936929	51.91	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	279857	50.85	ug/L	99

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

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