

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032921\
 Data File : VW020791.D
 Acq On : 29 Mar 2021 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05095

Quant Time: Mar 30 04:31:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 29 17:25:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	648694	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	642135	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	371209	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	181240	39.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.70%		
7) Chloroethane-d5	1.571	69	149582	42.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.92%		
11) 1,1-Dichloroethene-d2	2.111	63	398902	45.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.82%		
21) 2-Butanone-d5	3.886	46	267186	89.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.17%		
24) Chloroform-d	4.349	84	458371	50.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.14%		
26) 1,2-Dichloroethane-d4	5.034	65	300826	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.78%		
32) Benzene-d6	5.050	84	811578	47.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.84%		
36) 1,2-Dichloropropane-d6	6.072	67	240923	45.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.70%		
41) Toluene-d8	7.317	98	788666	49.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.00%		
43) trans-1,3-Dichloroprop...	7.622	79	140015	50.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.16%		
47) 2-Hexanone-d5	8.088	63	200030	90.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.79%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	357188	46.66	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.32%		
64) 1,2-Dichlorobenzene-d4	11.632	152	347471	48.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	293541	48.30	ug/L	100
3) Chloromethane	1.243	50	208824	43.04	ug/L	99
5) Vinyl chloride	1.314	62	223499	45.10	ug/L	99
6) Bromomethane	1.523	94	154259	49.37	ug/L	99
8) Chloroethane	1.587	64	139776	48.82	ug/L	100
9) Trichlorofluoromethane	1.754	101	428895	50.63	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	214405	52.66	ug/L	96
12) 1,1-Dichloroethene	2.121	96	191926	50.70	ug/L	89
13) Acetone	2.179	43	221173	103.51	ug/L	98
14) Carbon disulfide	2.298	76	599378	47.88	ug/L	99
15) Methyl Acetate	2.433	43	200768	45.01	ug/L	95
16) Methylene chloride	2.510	84	223227	48.35	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	220604	50.82	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	681281	50.62	ug/L	99
19) 1,1-Dichloroethane	3.191	63	402783	49.94	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	232707	50.10	ug/L	100
22) 2-Butanone	3.966	43	313767	100.33	ug/L	98
23) Bromochloromethane	4.249	128	131883	52.75	ug/L	92
25) Chloroform	4.375	83	447772	52.20	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	354298	51.70	ug/L	99
29) Cyclohexane	4.680	56	342036	47.09	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	427120	53.78	ug/L	99
31) Carbon tetrachloride	4.828	117	387120	54.58	ug/L	100
33) Benzene	5.101	78	892345	50.38	ug/L	100
34) Trichloroethene	5.915	95	250745	51.65	ug/L	99
35) Methylcyclohexane	6.133	83	377442	50.67	ug/L	98
37) 1,2-Dichloropropane	6.175	63	225908	48.64	ug/L	98
38) Bromodichloromethane	6.510	83	339827	52.10	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	372442	51.94	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	582360	93.50	ug/L	98
42) Toluene	7.391	91	1000597	51.98	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	377349	52.26	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	230345	50.41	ug/L	97
46) Tetrachloroethene	7.979	164	214836	53.01	ug/L	98
48) 2-Hexanone	8.140	43	482007	101.37	ug/L	99
49) Dibromochloromethane	8.249	129	288038	54.12	ug/L	98
50) 1,2-Dibromoethane	8.355	107	252445	51.59	ug/L #	97
51) Chlorobenzene	8.886	112	657270	50.86	ug/L	100
52) Ethylbenzene	9.014	91	1137191	51.76	ug/L	100
53) m,p-Xylene	9.140	106	433887	53.10	ug/L	98
54) o-xylene	9.548	106	419534	53.27	ug/L	97
55) Styrene	9.564	104	755318	54.58	ug/L	100
56) Isopropylbenzene	9.934	105	1150309	53.04	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	360378	48.35	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	303445	50.03	ug/L	99
61) Bromoform	9.735	173	220872	52.41	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	580265	51.22	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	595473	50.54	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	573236	51.35	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	89267	47.29	ug/L	92
67) 1,3,5-Trichlorobenzene	12.651	180	450175	51.27	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	389284	52.29	ug/L	100
69) Naphthalene	13.509	128	1121102	52.61	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	394298	52.89	ug/L	98

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

