

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020828.D
 Acq On : 01 Apr 2021 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Quant Time: Apr 02 07:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 04:39:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	686321	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	677689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	417927	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	191962	39.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.80%		
7) Chloroethane-d5	1.571	69	160972	43.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.40%		
11) 1,1-Dichloroethene-d2	2.111	63	419020	45.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.16%		
21) 2-Butanone-d5	3.889	46	300480	94.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.79%		
24) Chloroform-d	4.352	84	489959	50.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.18%		
26) 1,2-Dichloroethane-d4	5.034	65	322336	50.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.06%		
32) Benzene-d6	5.053	84	873587	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.72%		
36) 1,2-Dichloropropane-d6	6.072	67	255817	46.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.26%		
41) Toluene-d8	7.320	98	856717	50.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.90%		
43) trans-1,3-Dichloroprop...	7.622	79	151083	51.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.40%		
47) 2-Hexanone-d5	8.091	63	234945	101.05	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.05%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	385370	47.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.40%		
64) 1,2-Dichlorobenzene-d4	11.631	152	378503	46.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.32%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	298672	46.45	ug/L	100
3) Chloromethane	1.243	50	202700	39.49	ug/L	99
5) Vinyl chloride	1.314	62	225439	42.99	ug/L	99
6) Bromomethane	1.526	94	157545	47.66	ug/L	99
8) Chloroethane	1.587	64	135711	44.80	ug/L	99
9) Trichlorofluoromethane	1.754	101	441713	49.28	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	220156	51.10	ug/L	98
12) 1,1-Dichloroethene	2.121	96	196903	49.16	ug/L	91
13) Acetone	2.182	43	242278	107.18	ug/L	99
14) Carbon disulfide	2.297	76	585631	44.22	ug/L	99
15) Methyl Acetate	2.436	43	204049	43.24	ug/L	93
16) Methylene chloride	2.510	84	226068	46.28	ug/L	93
17) trans-1,2-Dichloroethene	2.764	96	225484	49.10	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	700425	49.19	ug/L	98
19) 1,1-Dichloroethane	3.191	63	403666	47.31	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	243003	49.45	ug/L	94
22) 2-Butanone	3.973	43	326163	98.58	ug/L	96
23) Bromochloromethane	4.252	128	135522	51.23	ug/L	87
25) Chloroform	4.378	83	454240	50.05	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	361362	49.84	ug/L	99
29) Cyclohexane	4.683	56	332337	43.36	ug/L	93
30) 1,1,1-Trichloroethane	4.609	97	438218	52.28	ug/L	98
31) Carbon tetrachloride	4.831	117	397118	53.05	ug/L	99
33) Benzene	5.101	78	891711	47.71	ug/L	100
34) Trichloroethene	5.918	95	256740	50.11	ug/L	98
35) Methylcyclohexane	6.133	83	370621	47.14	ug/L	97
37) 1,2-Dichloropropane	6.175	63	223731	45.64	ug/L	99
38) Bromodichloromethane	6.513	83	346105	50.28	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	362962	47.96	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	600306	91.32	ug/L	97
42) Toluene	7.390	91	1002534	49.35	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	386351	50.70	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	236837	49.11	ug/L	98
46) Tetrachloroethene	7.979	164	219346	51.28	ug/L	98
48) 2-Hexanone	8.143	43	496009	98.85	ug/L	98
49) Dibromochloromethane	8.249	129	294589	52.45	ug/L	99
50) 1,2-Dibromoethane	8.355	107	259976	50.34	ug/L	99
51) Chlorobenzene	8.886	112	669611	49.10	ug/L	100
52) Ethylbenzene	9.017	91	1157840	49.94	ug/L	100
53) m,p-Xylene	9.143	106	437142	50.69	ug/L	99
54) o-xylene	9.548	106	426085	51.26	ug/L	94
55) Styrene	9.564	104	764999	52.38	ug/L	98
56) Isopropylbenzene	9.937	105	1188285	51.91	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	368342	46.83	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	312015	48.74	ug/L	98
61) Bromoform	9.734	173	226097	47.65	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	596831	46.80	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	616536	46.48	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	589229	46.88	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	95563	44.97	ug/L	92
67) 1,3,5-Trichlorobenzene	12.654	180	472518	47.80	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	413188	49.29	ug/L	98
69) Naphthalene	13.509	128	1211211	50.48	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	421051	50.16	ug/L	99

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

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