

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031721\
 Data File : VW020663.D
 Acq On : 17 Mar 2021 18:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Mar 18 01:19:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 01:14:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	347894	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	348018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	177770	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	108104	38.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.04%		
7) Chloroethane-d5	1.567	69	85734	38.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.38%		
11) 1,1-Dichloroethene-d2	2.111	63	210882	39.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.06%		
21) 2-Butanone-d5	3.889	46	222122	123.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.33%		
24) Chloroform-d	4.352	84	226998	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.08%		
26) 1,2-Dichloroethane-d4	5.034	65	157027	48.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.58%		
32) Benzene-d6	5.053	84	434422	45.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.36%		
36) 1,2-Dichloropropane-d6	6.072	67	144207	46.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.76%		
41) Toluene-d8	7.320	98	391395	45.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.60%		
43) trans-1,3-Dichloroprop...	7.625	79	66593	46.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.64%		
47) 2-Hexanone-d5	8.091	63	135351	117.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	117.59%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	203348	52.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.78%		
64) 1,2-Dichlorobenzene-d4	11.631	152	156865	45.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	132127	46.00	ug/L	100
3) Chloromethane	1.243	50	163420	49.18	ug/L	97
5) Vinyl chloride	1.313	62	156101	46.86	ug/L	97
6) Bromomethane	1.522	94	86580	44.12	ug/L	93
8) Chloroethane	1.587	64	83435	41.28	ug/L	96
9) Trichlorofluoromethane	1.754	101	205253	46.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	104583	43.21	ug/L	95
12) 1,1-Dichloroethene	2.121	96	99674	42.44	ug/L	86
13) Acetone	2.182	43	161314	109.65	ug/L	98
14) Carbon disulfide	2.294	76	309339	43.44	ug/L	100
15) Methyl Acetate	2.436	43	167433	59.43	ug/L	99
16) Methylene chloride	2.510	84	131000	48.14	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	115142	45.89	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	374654	49.10	ug/L	99
19) 1,1-Dichloroethane	3.191	63	235073	49.11	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	132158	51.03	ug/L #	92
22) 2-Butanone	3.976	43	243265	119.55	ug/L	94
23) Bromochloromethane	4.252	128	67842	52.50	ug/L	99
25) Chloroform	4.381	83	250829	50.17	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	194078	49.14	ug/L	99
29) Cyclohexane	4.683	56	187354	43.96	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	197487	46.95	ug/L	98
31) Carbon tetrachloride	4.831	117	163500	47.84	ug/L	99
33) Benzene	5.101	78	512827	48.84	ug/L	100
34) Trichloroethene	5.918	95	141076	47.62	ug/L	99
35) Methylcyclohexane	6.136	83	181888	44.67	ug/L	98
37) 1,2-Dichloropropane	6.178	63	140100	51.10	ug/L	98
38) Bromodichloromethane	6.513	83	172571	47.80	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	192356	47.30	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	467074	113.27	ug/L	97
42) Toluene	7.390	91	541427	49.39	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	198704	49.70	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	132806	51.98	ug/L	99
46) Tetrachloroethene	7.979	164	91451	48.11	ug/L	97
48) 2-Hexanone	8.143	43	383058	118.93	ug/L	96
49) Dibromochloromethane	8.249	129	129982	48.87	ug/L	96
50) 1,2-Dibromoethane	8.355	107	137847	50.38	ug/L	99
51) Chlorobenzene	8.886	112	337400	47.58	ug/L	99
52) Ethylbenzene	9.017	91	587164	47.31	ug/L	100
53) m,p-Xylene	9.143	106	213329	47.07	ug/L	99
54) o-xylene	9.548	106	212452	48.43	ug/L	100
55) Styrene	9.564	104	388545	50.72	ug/L	94
56) Isopropylbenzene	9.937	105	568150	47.86	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	202126	53.27	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	180394	51.92	ug/L	98
61) Bromoform	9.734	173	89514	50.81	ug/L	98
62) 1,3-Dichlorobenzene	11.188	146	267931	47.46	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	273752	46.46	ug/L	96
65) 1,2-Dichlorobenzene	11.647	146	265748	47.29	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.432	75	47147	55.56	ug/L	98
67) 1,3,5-Trichlorobenzene	12.651	180	178928	44.50	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	155448	44.54	ug/L	98
69) Naphthalene	13.509	128	551942	48.63	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	161722	46.74	ug/L	97

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

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