

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032221\
 Data File : VW020694.D
 Acq On : 22 Mar 2021 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Mar 23 02:03:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	444465	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	430812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	235909	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	168850	47.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.20%		
7) Chloroethane-d5	1.571	69	120733	42.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.18%		
11) 1,1-Dichloroethene-d2	2.111	63	296733	43.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.08%		
21) 2-Butanone-d5	3.889	46	219233	95.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.28%		
24) Chloroform-d	4.352	84	302873	48.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.20%		
26) 1,2-Dichloroethane-d4	5.034	65	201056	48.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.80%		
32) Benzene-d6	5.053	84	580122	48.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.48%		
36) 1,2-Dichloropropane-d6	6.072	67	185355	48.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.34%		
41) Toluene-d8	7.317	98	535383	50.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.22%		
43) trans-1,3-Dichloroprop...	7.622	79	93159	52.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.68%		
47) 2-Hexanone-d5	8.088	63	158089	110.95	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.95%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	271644	57.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	114.16%		
64) 1,2-Dichlorobenzene-d4	11.628	152	212972	46.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	195975	53.41	ug/L	99
3) Chloromethane	1.243	50	209396	49.33	ug/L	100
5) Vinyl chloride	1.314	62	201227	47.28	ug/L	98
6) Bromomethane	1.526	94	111303	44.39	ug/L	97
8) Chloroethane	1.587	64	110983	42.97	ug/L	100
9) Trichlorofluoromethane	1.754	101	284777	50.21	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	146593	47.40	ug/L	95
12) 1,1-Dichloroethene	2.121	96	133613	44.53	ug/L	84
13) Acetone	2.182	43	213296	113.49	ug/L	97
14) Carbon disulfide	2.294	76	430120	47.28	ug/L	99
15) Methyl Acetate	2.436	43	183575	51.00	ug/L	98
16) Methylene chloride	2.510	84	169990	48.90	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	161569	50.41	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	492314	50.50	ug/L	100
19) 1,1-Dichloroethane	3.192	63	304802	49.84	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	169950	51.36	ug/L	92
22) 2-Butanone	3.973	43	266110	102.36	ug/L	95
23) Bromochloromethane	4.249	128	89558	54.24	ug/L	96
25) Chloroform	4.378	83	322349	50.46	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	255663	50.67	ug/L	99
29) Cyclohexane	4.680	56	264330	50.10	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	276702	53.14	ug/L	99
31) Carbon tetrachloride	4.831	117	233722	55.25	ug/L	99
33) Benzene	5.101	78	672316	51.72	ug/L	100
34) Trichloroethene	5.918	95	173401	47.28	ug/L	96
35) Methylcyclohexane	6.133	83	270794	53.72	ug/L	99
37) 1,2-Dichloropropane	6.175	63	176751	52.08	ug/L	99
38) Bromodichloromethane	6.513	83	241022	53.93	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	262538	52.15	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	536413	105.08	ug/L	98
42) Toluene	7.391	91	734735	54.14	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	274853	55.54	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	170214	53.82	ug/L	100
46) Tetrachloroethene	7.979	164	133527	56.74	ug/L	96
48) 2-Hexanone	8.143	43	421236	105.65	ug/L	98
49) Dibromochloromethane	8.249	129	187902	57.06	ug/L	98
50) 1,2-Dibromoethane	8.355	107	179205	52.91	ug/L	99
51) Chlorobenzene	8.886	112	467971	53.31	ug/L	98
52) Ethylbenzene	9.014	91	823347	53.60	ug/L	99
53) m,p-Xylene	9.143	106	304612	54.30	ug/L	95
54) o-xylene	9.548	106	300695	55.37	ug/L	97
55) Styrene	9.564	104	537373	56.67	ug/L	96
56) Isopropylbenzene	9.937	105	814334	55.42	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	298822	63.62	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	226179	52.59	ug/L	100
61) Bromoform	9.735	173	129207	55.26	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	387121	51.67	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	397554	50.84	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	385689	51.72	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	61958	55.02	ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	277172	51.95	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	241101	52.05	ug/L	96
69) Naphthalene	13.509	128	814448	54.08	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	251310	54.73	ug/L	97

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

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