

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020221\
 Data File : VW020252.D
 Acq On : 02 Feb 2021 20:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Feb 03 02:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 02:27:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	736036	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	705212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	402237	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	210501	41.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.36%		
7) Chloroethane-d5	1.569	69	161120	40.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.94%		
11) 1,1-Dichloroethene-d2	2.110	63	353802	47.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.00%		
21) 2-Butanone-d5	3.891	46	286299	88.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.75%		
24) Chloroform-d	4.354	84	430632	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.54%		
26) 1,2-Dichloroethane-d4	5.035	65	261468	43.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.82%		
32) Benzene-d6	5.055	84	834124	45.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.40%		
36) 1,2-Dichloropropane-d6	6.074	67	246615	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.72%		
41) Toluene-d8	7.318	98	789894	46.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.96%		
43) trans-1,3-Dichloroprop...	7.624	79	122758	44.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.08%		
47) 2-Hexanone-d5	8.090	63	225992	90.97	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.97%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	372613	48.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.60%		
64) 1,2-Dichlorobenzene-d4	11.630	152	369992	48.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.10%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	258705	48.66	ug/L	100
3) Chloromethane	1.241	50	212381	36.34	ug/L	99
5) Vinyl chloride	1.312	62	223801	41.44	ug/L	96
6) Bromomethane	1.524	94	105181	33.98	ug/L	96
8) Chloroethane	1.585	64	128243	40.09	ug/L	100
9) Trichlorofluoromethane	1.753	101	320554	43.07	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	188716	50.07	ug/L	# 80
12) 1,1-Dichloroethene	2.119	96	177475	48.80	ug/L	72
13) Acetone	2.187	43	170303	91.65	ug/L	92
14) Carbon disulfide	2.296	76	521270	44.16	ug/L	100
15) Methyl Acetate	2.438	43	203460	41.77	ug/L	92
16) Methylene chloride	2.508	84	220776	46.54	ug/L	84
17) trans-1,2-Dichloroethene	2.762	96	209640	46.87	ug/L	86
18) Methyl tert-butyl Ether	2.772	73	637600	45.02	ug/L	95
19) 1,1-Dichloroethane	3.193	63	366777	44.18	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	232738	46.83	ug/L	81
22) 2-Butanone	3.974	43	271775	76.80	ug/L	93
23) Bromochloromethane	4.251	128	132835	50.03	ug/L	# 73
25) Chloroform	4.380	83	393584	44.32	ug/L	96

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

27) 1,2-Dichloroethane	5.135	62	296141	41.81	ug/L #	92
29) Cyclohexane	4.682	56	293585	39.71	ug/L	90
30) 1,1,1-Trichloroethane	4.614	97	349995	42.96	ug/L	94
31) Carbon tetrachloride	4.833	117	308869	43.79	ug/L	98
33) Benzene	5.103	78	833612	43.25	ug/L	100
34) Trichloroethene	5.916	95	223489	43.24	ug/L	86
35) Methylcyclohexane	6.135	83	316358	41.88	ug/L	92
37) 1,2-Dichloropropane	6.177	63	214592	44.59	ug/L #	97
38) Bromodichloromethane	6.515	83	291800	43.52	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	332926	43.25	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	548418	79.01	ug/L #	91
42) Toluene	7.389	91	911678	44.43	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	320607	43.13	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	227747	47.40	ug/L	94
46) Tetrachloroethene	7.977	164	209289	48.13	ug/L	90
48) 2-Hexanone	8.141	43	419317	82.05	ug/L #	89
49) Dibromochloromethane	8.251	129	260948	48.39	ug/L	99
50) 1,2-Dibromoethane	8.354	107	246088	47.39	ug/L #	97
51) Chlorobenzene	8.884	112	629940	46.30	ug/L	93
52) Ethylbenzene	9.016	91	1002180	45.57	ug/L	97
53) m,p-Xylene	9.141	106	395345	46.16	ug/L	91
54) o-xylene	9.547	106	388778	47.75	ug/L	93
55) Styrene	9.563	104	692455	48.28	ug/L	94
56) Isopropylbenzene	9.936	105	1026093	46.79	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.248	83	354791	44.96	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	283353	44.12	ug/L	98
61) Bromoform	9.736	173	209903	48.59	ug/L #	97
62) 1,3-Dichlorobenzene	11.186	146	554694	47.66	ug/L	96
63) 1,4-Dichlorobenzene	11.280	146	568590	47.13	ug/L	96
65) 1,2-Dichlorobenzene	11.649	146	559363	46.15	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.434	75	81385	42.48	ug/L #	58
67) 1,3,5-Trichlorobenzene	12.653	180	471647	46.35	ug/L	96
68) 1,2,4-trichlorobenzene	13.270	180	432502	46.72	ug/L	96
69) Naphthalene	13.508	128	1211188	45.81	ug/L	99
70) 1,2,3-Trichlorobenzene	13.752	180	438848	47.68	ug/L	97

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

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