

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020107.D
 Acq On : 21 Jan 2021 14:07
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Jan 22 06:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:40:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	423210	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	415619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	238892	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	164817	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.02%
7) Chloroethane-d5	1.569	69	139305	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.04%
11) 1,1-Dichloroethene-d2	2.110	63	326426	52.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.12%
21) 2-Butanone-d5	3.888	46	229837	106.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.77%
24) Chloroform-d	4.354	84	305315	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
26) 1,2-Dichloroethane-d4	5.036	65	213361	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
32) Benzene-d6	5.055	84	570415	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
36) 1,2-Dichloropropane-d6	6.074	67	179047	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.10%
41) Toluene-d8	7.318	98	517654	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%
43) trans-1,3-Dichloroprop...	7.627	79	96743	54.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.44%
47) 2-Hexanone-d5	8.093	63	154594	102.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.92%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	279850	56.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.16%
64) 1,2-Dichlorobenzene-d4	11.630	152	213392	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	182727	51.39	ug/L	98
3) Chloromethane	1.241	50	184111	51.88	ug/L	100
5) Vinyl chloride	1.312	62	187539	51.15	ug/L	98
6) Bromomethane	1.524	94	118443	51.22	ug/L	96
8) Chloroethane	1.586	64	122125	51.95	ug/L	99
9) Trichlorofluoromethane	1.753	101	265207	50.76	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	151016	50.46	ug/L	95
12) 1,1-Dichloroethene	2.119	96	146190	50.84	ug/L	90
13) Acetone	2.180	43	166131	89.71	ug/L	97
14) Carbon disulfide	2.296	76	412870	49.29	ug/L	100
15) Methyl Acetate	2.434	43	168817	49.56	ug/L	99
16) Methylene chloride	2.508	84	155461	49.80	ug/L	98
17) trans-1,2-Dichloroethene	2.762	96	142889	50.02	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	475866	51.46	ug/L	98
19) 1,1-Dichloroethane	3.193	63	278913	51.16	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	155754	50.87	ug/L	100
22) 2-Butanone	3.974	43	237483	102.05	ug/L	100
23) Bromochloromethane	4.251	128	80181	49.98	ug/L	93
25) Chloroform	4.380	83	292422	51.12	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	253755	51.98	ug/L	100
29) Cyclohexane	4.682	56	229186	47.40	ug/L	97
30) 1,1,1-Trichloroethane	4.611	97	253673	49.06	ug/L	99
31) Carbon tetrachloride	4.833	117	218866	49.22	ug/L	100
33) Benzene	5.103	78	610344	48.87	ug/L	100
34) Trichloroethene	5.917	95	166759	47.22	ug/L	97
35) Methylcyclohexane	6.135	83	242366	48.05	ug/L	98
37) 1,2-Dichloropropane	6.177	63	157950	48.39	ug/L	98
38) Bromodichloromethane	6.515	83	220475	49.32	ug/L	97
39) cis-1,3-Dichloropropene	7.029	75	244523	48.46	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	486390	99.43	ug/L	99
42) Toluene	7.392	91	645009	48.68	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	271965	56.80	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	157120	48.88	ug/L	96
46) Tetrachloroethene	7.981	164	125407	47.58	ug/L	98
48) 2-Hexanone	8.142	43	387348	102.28	ug/L	99
49) Dibromochloromethane	8.251	129	165915	47.76	ug/L	98
50) 1,2-Dibromoethane	8.357	107	172601	49.13	ug/L	100
51) Chlorobenzene	8.887	112	428149	49.16	ug/L	99
52) Ethylbenzene	9.016	91	751553	51.51	ug/L	99
53) m,p-Xylene	9.141	106	276246	52.00	ug/L	99
54) o-xylene	9.550	106	268303	50.22	ug/L	99
55) Styrene	9.566	104	467983	50.06	ug/L	99
56) Isopropylbenzene	9.936	105	791578	55.49	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	273668	56.50	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	230488	53.46	ug/L	98
61) Bromoform	9.736	173	128411	52.88	ug/L	98
62) 1,3-Dichlorobenzene	11.186	146	340387	46.83	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	355410	46.93	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	340308	46.21	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	61711	50.55	ug/L	88
67) 1,3,5-Trichlorobenzene	12.653	180	293893	52.19	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	261353	52.55	ug/L	98
69) Naphthalene	13.511	128	787844	54.61	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	270163	55.26	ug/L	99

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

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