

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020521\
 Data File : VW020272.D
 Acq On : 05 Feb 2021 12:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Feb 06 04:26:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 05 11:56:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	586049	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	558191	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	304390	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	212763	49.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.58%
7) Chloroethane-d5	1.566	69	171962	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.10%
11) 1,1-Dichloroethene-d2	2.110	63	403567	49.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.92%
21) 2-Butanone-d5	3.891	46	249317	104.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	4.347	84	383449	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
26) 1,2-Dichloroethane-d4	5.032	65	243296	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
32) Benzene-d6	5.048	84	741834	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
36) 1,2-Dichloropropane-d6	6.071	67	228068	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.64%
41) Toluene-d8	7.315	98	706681	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%
43) trans-1,3-Dichloroprop...	7.621	79	113167	51.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.84%
47) 2-Hexanone-d5	8.090	63	193878	107.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.94%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	319321	51.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.02%
64) 1,2-Dichlorobenzene-d4	11.630	152	286636	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	264021	50.67	ug/L	100
3) Chloromethane	1.241	50	228506	49.33	ug/L	99
5) Vinyl chloride	1.309	62	249183	49.96	ug/L	99
6) Bromomethane	1.521	94	161512	51.81	ug/L	96
8) Chloroethane	1.585	64	154992	49.68	ug/L	100
9) Trichlorofluoromethane	1.753	101	359798	50.77	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	190471	50.49	ug/L	93
12) 1,1-Dichloroethene	2.116	96	183273	50.41	ug/L	89
13) Acetone	2.183	43	171036	101.50	ug/L	95
14) Carbon disulfide	2.293	76	542433	50.62	ug/L	99
15) Methyl Acetate	2.434	43	183683	51.23	ug/L	91
16) Methylene chloride	2.505	84	202411	50.83	ug/L	89
17) trans-1,2-Dichloroethene	2.759	96	193708	51.39	ug/L	92
18) Methyl tert-butyl Ether	2.769	73	587721	51.35	ug/L	96
19) 1,1-Dichloroethane	3.190	63	346485	50.61	ug/L	98
20) cis-1,2-Dichloroethene	3.910	96	209920	51.78	ug/L	89
22) 2-Butanone	3.971	43	252848	105.51	ug/L	95
23) Bromochloromethane	4.248	128	111940	51.07	ug/L #	82
25) Chloroform	4.373	83	361556	50.43	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.129	62	288811	50.88	ug/L	98
29) Cyclohexane	4.679	56	294729	52.08	ug/L	91
30) 1,1,1-Trichloroethane	4.608	97	318957	51.46	ug/L	97
31) Carbon tetrachloride	4.830	117	277896	51.55	ug/L	100
33) Benzene	5.100	78	778447	52.16	ug/L	100
34) Trichloroethene	5.913	95	208364	50.80	ug/L	92
35) Methylcyclohexane	6.132	83	322772	51.98	ug/L	92
37) 1,2-Dichloropropane	6.174	63	197691	52.29	ug/L	98
38) Bromodichloromethane	6.511	83	271816	52.31	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	320455	53.53	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	505984	106.15	ug/L #	92
42) Toluene	7.389	91	859356	52.34	ug/L	98
44) trans-1,3-Dichloropropene	7.653	75	310248	53.29	ug/L	99
45) 1,1,2-Trichloroethane	7.839	97	199884	51.37	ug/L	98
46) Tetrachloroethene	7.977	164	170336	50.82	ug/L	95
48) 2-Hexanone	8.141	43	390524	107.09	ug/L #	90
49) Dibromochloromethane	8.248	129	224168	52.22	ug/L	98
50) 1,2-Dibromoethane	8.354	107	220069	52.80	ug/L #	99
51) Chlorobenzene	8.884	112	560868	50.93	ug/L	96
52) Ethylbenzene	9.016	91	940181	51.85	ug/L	97
53) m,p-Xylene	9.141	106	361655	52.38	ug/L	94
54) o-xylene	9.547	106	347523	51.70	ug/L	94
55) Styrene	9.563	104	611421	52.86	ug/L	96
56) Isopropylbenzene	9.936	105	942987	52.28	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	316619	51.65	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	262146	51.72	ug/L	99
61) Bromoform	9.736	173	160470	51.81	ug/L #	99
62) 1,3-Dichlorobenzene	11.186	146	462857	51.40	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	472178	51.14	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	457017	50.84	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.434	75	72488	52.56	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.652	180	363627	51.72	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	327192	52.44	ug/L	97
69) Naphthalene	13.511	128	998901	55.91	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	333190	53.64	ug/L	98

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

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