

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012021\
 Data File : VV020076.D
 Acq On : 20 Jan 2021 14:45
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV62

Quant Time: Jan 20 23:32:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 14:20:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	352578	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	339334	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	195584	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	111183	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.52%
7) Chloroethane-d5	1.569	69	81324	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.109	63	222224	50.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.60%
21) 2-Butanone-d5	3.888	46	157110	101.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	4.354	84	249323	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.039	65	165716	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
32) Benzene-d6	5.055	84	454719	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
36) 1,2-Dichloropropane-d6	6.074	67	132430	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.02%
41) Toluene-d8	7.321	98	431617	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%
43) trans-1,3-Dichloroprop...	7.624	79	75664	51.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.10%
47) 2-Hexanone-d5	8.090	63	113286	104.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.63%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	192048	52.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.16%
64) 1,2-Dichlorobenzene-d4	11.630	152	193832	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	142148	47.72	ug/L	99
3) Chloromethane	1.241	50	107591	49.31	ug/L	98
5) Vinyl chloride	1.312	62	117459	49.37	ug/L	98
6) Bromomethane	1.524	94	80827	49.01	ug/L	99
8) Chloroethane	1.585	64	66456	47.31	ug/L	98
9) Trichlorofluoromethane	1.753	101	206067	49.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	104214	48.98	ug/L	90
12) 1,1-Dichloroethene	2.119	96	100605	50.84	ug/L	87
13) Acetone	2.180	43	104894	79.71	ug/L	100
14) Carbon disulfide	2.296	76	325389	50.62	ug/L	99
15) Methyl Acetate	2.434	43	111924	50.50	ug/L	93
16) Methylene chloride	2.508	84	120503	49.26	ug/L	87
17) trans-1,2-Dichloroethene	2.762	96	120020	50.70	ug/L	91
18) Methyl tert-butyl Ether	2.772	73	378364	50.28	ug/L	97
19) 1,1-Dichloroethane	3.193	63	207895	49.65	ug/L	99
20) cis-1,2-Dichloroethene	3.916	96	129013	50.99	ug/L	87
22) 2-Butanone	3.971	43	164873	98.45	ug/L	99
23) Bromochloromethane	4.251	128	72138	50.66	ug/L #	77
25) Chloroform	4.379	83	236319	50.99	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	194341	50.66	ug/L	99
29) Cyclohexane	4.685	56	176777	50.74	ug/L	89
30) 1,1,1-Trichloroethane	4.614	97	220130	50.92	ug/L	95
31) Carbon tetrachloride	4.833	117	194481	50.85	ug/L	98
33) Benzene	5.103	78	470967	51.01	ug/L	100
34) Trichloroethene	5.920	95	137119	49.28	ug/L	90
35) Methylcyclohexane	6.138	83	193142	49.55	ug/L	93
37) 1,2-Dichloropropane	6.180	63	116868	51.63	ug/L #	96
38) Bromodichloromethane	6.514	83	174555	51.24	ug/L #	98
39) cis-1,3-Dichloropropene	7.032	75	193155	50.78	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	317020	102.05	ug/L #	93
42) Toluene	7.392	91	512167	50.69	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	196573	51.99	ug/L	98
45) 1,1,2-Trichloroethane	7.842	97	122636	50.19	ug/L	95
46) Tetrachloroethene	7.981	164	112221	50.81	ug/L	96
48) 2-Hexanone	8.141	43	251303	102.38	ug/L #	94
49) Dibromochloromethane	8.251	129	145320	51.12	ug/L	100
50) 1,2-Dibromoethane	8.357	107	134214	50.02	ug/L #	99
51) Chlorobenzene	8.887	112	349156	50.18	ug/L	97
52) Ethylbenzene	9.016	91	590059	50.59	ug/L	98
53) m,p-Xylene	9.145	106	223636	49.99	ug/L	98
54) o-xylene	9.550	106	221448	50.97	ug/L	97
55) Styrene	9.566	104	389970	52.29	ug/L	98
56) Isopropylbenzene	9.936	105	599064	51.21	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.247	83	184186	51.03	ug/L #	96
59) 1,2,3-Trichloropropane	10.280	75	161869	50.76	ug/L	100
61) Bromoform	9.736	173	109705	53.23	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	302769	51.29	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	304435	50.11	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	306862	51.83	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.437	75	47493	53.81	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.652	180	241786	52.02	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	216021	51.52	ug/L	97
69) Naphthalene	13.511	128	619248	55.78	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	217922	54.59	ug/L	99

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

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