

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020821\
 Data File : VX020883.D
 Acq On : 08 Feb 2021 17:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV405

Quant Time: Feb 09 06:19:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 08 17:06:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	488542	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	456637	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	231943	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	140894	48.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.96%
7) Chloroethane-d5	1.685	69	121201	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.62%
11) 1,1-Dichloroethene-d2	2.343	63	281880	50.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.92%
21) 2-Butanone-d5	4.526	46	206932	103.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	5.135	84	322773	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
26) 1,2-Dichloroethane-d4	6.025	65	205407	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	6.044	84	656257	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.06%
36) 1,2-Dichloropropane-d6	7.367	67	199922	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.48%
41) Toluene-d8	8.690	98	601534	54.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.24%
43) trans-1,3-Dichloroprop...	8.988	79	98965	53.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.46%
47) 2-Hexanone-d5	9.421	63	164124	111.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.06%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	271218	53.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.08%
66) 1,2-Dichlorobenzene-d4	12.360	152	238800	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	190870	50.03	ug/L	100
3) Chloromethane	1.313	50	161488	49.24	ug/L	97
5) Vinyl chloride	1.392	62	167477	49.76	ug/L	98
6) Bromomethane	1.624	94	100019	53.08	ug/L	97
8) Chloroethane	1.709	64	100786	49.61	ug/L	100
9) Trichlorofluoromethane	1.916	101	253698	49.21	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	147282	50.90	ug/L	99
12) 1,1-Dichloroethene	2.355	96	134844	50.18	ug/L	97
13) Acetone	2.416	43	145756	109.21	ug/L	100
14) Carbon disulfide	2.544	76	407158	48.52	ug/L	98
15) Methyl Acetate	2.745	43	146352	48.67	ug/L	100
16) Methylene chloride	2.831	84	173317	49.16	ug/L	99
17) trans-1,2-Dichloroethene	3.136	96	154639	49.81	ug/L	96
18) Methyl tert-butyl Ether	3.160	73	506455	51.36	ug/L	98
19) 1,1-Dichloroethane	3.666	63	292649	50.44	ug/L	99
20) cis-1,2-Dichloroethene	4.556	96	179101	50.86	ug/L	98
22) 2-Butanone	4.623	43	222151	104.97	ug/L	97
23) Bromochloromethane	4.971	128	90807	48.75	ug/L	96
25) Chloroform	5.166	83	333316	50.91	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.153	62	230595	49.82	ug/L	99
29) Cyclohexane	5.544	56	242236	55.06	ug/L	97
30) 1,1,1-Trichloroethane	5.458	97	281232	51.76	ug/L	97
31) Carbon tetrachloride	5.745	117	251234	51.69	ug/L	99
33) Benzene	6.105	78	661059	52.64	ug/L	100
34) Trichloroethene	7.184	95	171415	50.67	ug/L	92
35) Methylcyclohexane	7.434	83	262974	55.61	ug/L	98
37) 1,2-Dichloropropane	7.482	63	173394	53.07	ug/L	99
38) Bromodichloromethane	7.873	83	237886	51.78	ug/L	99
39) cis-1,3-Dichloropropene	8.409	75	265261	53.48	ug/L	99
40) 4-Methyl-2-pentanone	8.616	43	395753	104.22	ug/L	98
42) Toluene	8.763	91	703440	52.97	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	259197	52.17	ug/L	99
45) 1,1,2-Trichloroethane	9.196	97	170924	50.95	ug/L	97
46) Tetrachloroethene	9.318	164	139953	53.51	ug/L	97
48) 2-Hexanone	9.470	43	305886	104.07	ug/L	99
49) Dibromochloromethane	9.561	129	192139	50.07	ug/L	98
50) 1,2-Dibromoethane	9.653	107	174153	50.83	ug/L	97
51) Chlorobenzene	10.116	112	451651	50.27	ug/L	99
52) Ethylbenzene	10.232	91	776981	52.94	ug/L	98
53) m,p-Xylene	10.342	106	299158	54.11	ug/L	98
54) o-Xylene	10.683	106	289688	54.03	ug/L	98
55) Styrene	10.695	104	509412	54.73	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.250	83	252889	50.82	ug/L	99
59) Bromoform	10.836	173	136958	45.97	ug/L	100
60) Isopropylbenzene	11.000	105	780193	51.59	ug/L	99
61) 1,2,3-Trichloropropane	11.274	75	205643	46.65	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	657273	52.78	ug/L	99
63) 1,2,4-Trimethylbenzene	11.787	105	668045	53.56	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	362155	50.94	ug/L	96
65) 1,4-Dichlorobenzene	12.079	146	366581	50.38	ug/L	97
67) 1,2-Dichlorobenzene	12.372	146	361631	50.40	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.981	75	53467	46.98	ug/L	91
69) 1,3,5-Trichlorobenzene	13.152	180	249128	51.20	ug/L	96
70) 1,2,4-trichlorobenzene	13.628	180	215948	52.18	ug/L	99
71) Naphthalene	13.817	128	715586	54.04	ug/L	100
72) 1,2,3-Trichlorobenzene	14.000	180	223299	51.83	ug/L	97

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

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