

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020925.D
 Acq On : 26 Feb 2021 12:55
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV434

Quant Time: Feb 27 02:41:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	313340	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	280822	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	130029	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	109467	51.99	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	103.98%	
7) Chloroethane-d5	1.687	69	92727	53.00	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	106.00%	
11) 1,1-Dichloroethene-d2	2.340	63	204235	51.34	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	102.68%	
21) 2-Butanone-d5	4.529	46	136076	105.91	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.91%	
24) Chloroform-d	5.141	84	211805	53.71	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.42%	
26) 1,2-Dichloroethane-d4	6.029	65	133532	52.47	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.94%	
32) Benzene-d6	6.047	84	440507	53.02	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.04%	
36) 1,2-Dichloropropane-d6	7.370	67	135941	53.07	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.14%	
41) Toluene-d8	8.694	98	404138	54.19	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.38%	
43) trans-1,3-Dichloroprop...	8.994	79	73369	54.98	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	109.96%	
47) 2-Hexanone-d5	9.424	63	112560	108.31	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	108.31%	
56) 1,1,2,2-Tetrachloroeth...	11.230	84	170513	53.62	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	107.24%	
66) 1,2-Dichlorobenzene-d4	12.359	152	141863	57.00	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	117221	49.70	ug/L	99
3) Chloromethane	1.311	50	105555	49.91	ug/L	98
5) Vinyl chloride	1.393	62	122826	49.20	ug/L	100
6) Bromomethane	1.623	94	67238	56.88	ug/L	99
8) Chloroethane	1.705	64	75996	48.67	ug/L	98
9) Trichlorofluoromethane	1.911	101	156454	48.03	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	107952	50.03	ug/L	95
12) 1,1-Dichloroethene	2.352	96	102645	48.91	ug/L	92
13) Acetone	2.417	43	134283	122.94	ug/L	99
14) Carbon disulfide	2.546	76	295041	48.47	ug/L	100
15) Methyl Acetate	2.746	43	97692	47.46	ug/L	99
16) Methylene chloride	2.834	84	115859	49.45	ug/L	93
17) trans-1,2-Dichloroethene	3.140	96	108662	48.31	ug/L	97
18) Methyl tert-butyl Ether	3.170	73	357278	48.46	ug/L	99
19) 1,1-Dichloroethane	3.670	63	192190	48.82	ug/L	100
20) cis-1,2-Dichloroethene	4.564	96	123741	49.30	ug/L	88
22) 2-Butanone	4.635	43	168670	108.80	ug/L	99
23) Bromochloromethane	4.976	128	61310	49.24	ug/L	90
25) Chloroform	5.176	83	204946	48.74	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.158	62	152427	49.31	ug/L	98
29) Cyclohexane	5.547	56	171906	48.31	ug/L	96
30) 1,1,1-Trichloroethane	5.464	97	174686	48.49	ug/L	98
31) Carbon tetrachloride	5.753	117	147799	49.49	ug/L	98
33) Benzene	6.111	78	444472	48.38	ug/L	100
34) Trichloroethene	7.188	95	119306	48.84	ug/L	99
35) Methylcyclohexane	7.441	83	188246	50.32	ug/L	95
37) 1,2-Dichloropropane	7.488	63	112117	48.73	ug/L	98
38) Bromodichloromethane	7.870	83	156223	48.92	ug/L	100
39) cis-1,3-Dichloropropene	8.412	75	190302	50.49	ug/L	100
40) 4-Methyl-2-pentanone	8.618	43	280002	99.46	ug/L	98
42) Toluene	8.765	91	476509	49.82	ug/L	94
44) trans-1,3-Dichloropropene	9.024	75	183178	50.88	ug/L	98
45) 1,1,2-Trichloroethane	9.194	97	114741	50.18	ug/L	96
46) Tetrachloroethene	9.318	164	90420	51.78	ug/L	97
48) 2-Hexanone	9.471	43	227999	106.21	ug/L	99
49) Dibromochloromethane	9.565	129	123294	51.06	ug/L	97
50) 1,2-Dibromoethane	9.653	107	119398	50.19	ug/L	99
51) Chlorobenzene	10.118	112	308395	51.01	ug/L	98
52) Ethylbenzene	10.235	91	533338	50.73	ug/L	98
53) m,p-Xylene	10.341	106	197926	49.92	ug/L	100
54) o-Xylene	10.683	106	195431	50.58	ug/L	95
55) Styrene	10.694	104	338327	50.36	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.253	83	161477	49.26	ug/L	98
59) Bromoform	10.841	173	81070	49.40	ug/L	98
60) Isopropylbenzene	11.000	105	510013	51.14	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	131493	50.38	ug/L	99
62) 1,3,5-Trimethylbenzene	11.489	105	427832	52.42	ug/L	97
63) 1,2,4-Trimethylbenzene	11.789	105	429448	52.28	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	221257	51.88	ug/L	97
65) 1,4-Dichlorobenzene	12.077	146	215809	50.52	ug/L	96
67) 1,2-Dichlorobenzene	12.377	146	209702	49.79	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	34790	48.43	ug/L	96
69) 1,3,5-Trichlorobenzene	13.153	180	153588	52.91	ug/L	99
70) 1,2,4-trichlorobenzene	13.624	180	132971	51.80	ug/L	95
71) Naphthalene	13.818	128	478094	51.39	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	128140	49.10	ug/L	92

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

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