

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041421\
 Data File : VV021009.D
 Acq On : 14 Apr 2021 16:06
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV161

Quant Time: Apr 15 03:05:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	558653	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	535802	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	302796	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	136337	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.72%
7) Chloroethane-d5	1.571	69	113639	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.12%
11) 1,1-Dichloroethene-d2	2.111	63	295704	45.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.72%
21) 2-Butanone-d5	3.896	46	194635	97.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	4.349	84	361457	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.034	65	237913	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.050	84	642201	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
36) 1,2-Dichloropropane-d6	6.072	67	182569	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.317	98	653359	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%
43) trans-1,3-Dichloroprop...	7.622	79	114273	50.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.98%
47) 2-Hexanone-d5	8.091	63	159949	101.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.40%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	287195	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
66) 1,2-Dichlorobenzene-d4	11.632	152	313445	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	195302	43.96	ug/L	97
3) Chloromethane	1.243	50	130946	43.76	ug/L	99
5) Vinyl chloride	1.314	62	149098	44.77	ug/L	95
6) Bromomethane	1.526	94	112779	45.80	ug/L	98
8) Chloroethane	1.587	64	97268	45.15	ug/L	98
9) Trichlorofluoromethane	1.754	101	328459	41.74	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	158196	42.49	ug/L	98
12) 1,1-Dichloroethene	2.121	96	142231	42.52	ug/L	91
13) Acetone	2.191	43	154549	92.31	ug/L	99
14) Carbon disulfide	2.294	76	410970	44.62	ug/L	100
15) Methyl Acetate	2.439	43	122855	43.59	ug/L	98
16) Methylene chloride	2.510	84	162037	43.06	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	156373	43.95	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	501814	44.90	ug/L	99
19) 1,1-Dichloroethane	3.191	63	266370	43.68	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	165706	43.70	ug/L	93
22) 2-Butanone	3.979	43	197316	96.52	ug/L	92
23) Bromochloromethane	4.249	128	98130	43.53	ug/L	93
25) Chloroform	4.378	83	328112	42.25	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	249801	42.10	ug/L	98
29) Cyclohexane	4.677	56	220574	47.24	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	318011	44.21	ug/L	99
31) Carbon tetrachloride	4.828	117	300861	45.03	ug/L	99
33) Benzene	5.101	78	601638	44.95	ug/L	100
34) Trichloroethene	5.915	95	175795	45.60	ug/L	99
35) Methylcyclohexane	6.133	83	261199	46.61	ug/L	98
37) 1,2-Dichloropropane	6.172	63	144003	45.38	ug/L	99
38) Bromodichloromethane	6.513	83	243739	44.98	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	254716	45.90	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	350419	89.88	ug/L	99
42) Toluene	7.391	91	697297	46.20	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	268870	46.90	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	164729	44.69	ug/L	97
46) Tetrachloroethene	7.976	164	167693	45.70	ug/L	95
48) 2-Hexanone	8.143	43	291595	96.47	ug/L	98
49) Dibromochloromethane	8.249	129	220926	45.00	ug/L	100
50) 1,2-Dibromoethane	8.355	107	187327	45.69	ug/L	93
51) Chlorobenzene	8.882	112	478098	44.96	ug/L	100
52) Ethylbenzene	9.014	91	808557	47.34	ug/L	100
53) m,p-Xylene	9.143	106	313128	46.61	ug/L	99
54) o-Xylene	9.548	106	307385	47.34	ug/L	98
55) Styrene	9.564	104	528246	47.44	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	253576	43.29	ug/L	98
59) Bromoform	9.735	173	176760	44.85	ug/L	99
60) Isopropylbenzene	9.934	105	853152	47.81	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	211362	44.43	ug/L	97
62) 1,3,5-Trimethylbenzene	10.545	105	742608	48.63	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	757609	48.89	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	424024	46.33	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	438880	45.69	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	431098	45.44	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	64617	45.61	ug/L	86
69) 1,3,5-Trichlorobenzene	12.651	180	344727	47.84	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	295894	49.67	ug/L	99
71) Naphthalene	13.509	128	823064	53.02	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	301593	50.33	ug/L	99

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

