

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014651.D
 Acq On : 21 Feb 2020 14:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Feb 21 23:39:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 23:36:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	245101	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	228464	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	112851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48536	50.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	38129	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.92%
11) 1,1-Dichloroethene-d2	2.13	63	89857	50.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.72%
21) 2-Butanone-d5	3.93	46	91644	102.99	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.99%
24) Chloroform-d	4.40	84	157389	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	5.08	65	102369	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
32) Benzene-d6	5.10	84	318662	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.11	67	90324	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.36	98	298583	51.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.54%
43) trans-1,3-Dichloropropene-	7.66	79	51287	51.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.84%
47) 2-Hexanone-d5	8.13	63	75272	106.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.51%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	127241	52.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	113964	51.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	85447	49.341	ug/L	100
3) Chloromethane	1.25	50	46377	50.639	ug/L	99
5) Vinyl chloride	1.32	62	46658	50.726	ug/L	98
6) Bromomethane	1.53	94	25745	47.122	ug/L	97
8) Chloroethane	1.60	64	25952	51.727	ug/L	95
9) Trichlorofluoromethane	1.77	101	100765	50.498	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42399	51.073	ug/L	99
12) 1,1-Dichloroethene	2.14	96	37187	49.772	ug/L	93
13) Acetone	2.20	43	74568	94.380	ug/L	98
14) Carbon disulfide	2.32	76	165942	49.062	ug/L	98
15) Methyl Acetate	2.46	43	64427	49.916	ug/L	97
16) Methylene chloride	2.54	84	76485	49.072	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	72444	50.003	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	242527	49.794	ug/L	100
19) 1,1-Dichloroethane	3.23	63	129667	49.656	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	84133	49.996	ug/L	98
22) 2-Butanone	4.02	43	101943	101.890	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42118	49.302	ug/L	93
25) Chloroform	4.42	83	152337	50.149	ug/L	100
27) 1,2-Dichloroethane	5.18	62	111339	50.015	ug/L	98
29) Cyclohexane	4.73	56	107162	50.189	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	132000	49.683	ug/L	99
31) Carbon tetrachloride	4.87	117	116733	49.657	ug/L	100
33) Benzene	5.14	78	298235	50.617	ug/L	100
34) Trichloroethene	5.95	95	82872	48.318	ug/L	98
35) Methylcyclohexane	6.17	83	128172	52.353	ug/L	100
37) 1,2-Dichloropropane	6.22	63	71929	49.912	ug/L	98
38) Bromodichloromethane	6.55	83	112197	50.512	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	128276	49.842	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	178755	100.131	ug/L	99
42) Toluene	7.43	91	324182	50.890	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	119700	51.264	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	78188	50.690	ug/L	99
46) Tetrachloroethene	8.02	164	62255	50.173	ug/L	97
48) 2-Hexanone	8.18	43	143324	102.360	ug/L	99
49) Dibromochloromethane	8.29	129	93367	50.934	ug/L	96
50) 1,2-Dibromoethane	8.39	107	85003	50.017	ug/L	99
51) Chlorobenzene	8.92	112	215327	49.606	ug/L	99
52) Ethylbenzene	9.05	91	367255	50.306	ug/L	98
53) m,p-Xylene	9.18	106	141349	50.078	ug/L	99
54) o-xylene	9.58	106	139951	50.946	ug/L	98
55) Styrene	9.60	104	238378	52.046	ug/L	98
56) Isopropylbenzene	9.97	105	372244	51.259	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	119933	50.499	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	97670	50.091	ug/L	99
61) Bromoform	9.77	173	62395	50.934	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	172968	51.125	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	177226	51.186	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	172476	51.199	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	29277	51.113	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	126735	50.965	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	119799	51.359	ug/L	99
69) Naphthalene	13.54	128	396868	50.658	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	121138	50.546	ug/L	100

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

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