

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038339.D
 Acq On : 28 May 2020 11:38
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV34

Quant Time: May 29 04:27:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	630081	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	609110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	304563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193759	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.98%
7) Chloroethane-d5	1.93	69	153324	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.34%
11) 1,1-Dichloroethene-d2	2.59	63	399892	49.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.92%
21) 2-Butanone-d5	4.66	46	378632	100.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.75%
24) Chloroform-d	5.10	84	390898	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
26) 1,2-Dichloroethane-d4	5.74	65	258608	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
32) Benzene-d6	5.76	84	788721	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.72	67	243834	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	7.92	98	708359	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%
43) trans-1,3-Dichloropropene-	8.20	79	122935	50.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.66%
47) 2-Hexanone-d5	8.65	63	270693	104.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	354403	48.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.62%
64) 1,2-Dichlorobenzene-d4	12.20	152	274067	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	244331	51.52	ug/L	99
3) Chloromethane	1.53	50	217903	49.85	ug/L	99
5) Vinyl chloride	1.62	62	245645	50.87	ug/L	100
6) Bromomethane	1.87	94	110960	56.17	ug/L	100
8) Chloroethane	1.95	64	151215	51.25	ug/L	97
9) Trichlorofluoromethane	2.16	101	332728	51.41	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	201141	51.98	ug/L	97
12) 1,1-Dichloroethene	2.60	96	196619	51.47	ug/L	91
13) Acetone	2.66	43	259204	83.01	ug/L	96
14) Carbon disulfide	2.82	76	642589	51.58	ug/L	100
15) Methyl Acetate	2.98	43	295763	52.84	ug/L	100
16) Methylene chloride	3.08	84	224112	51.06	ug/L	96
17) trans-1,2-Dichloroethene	3.39	96	213667	52.07	ug/L	98
18) Methyl tert-butyl Ether	3.40	73	694575	52.79	ug/L	100
19) 1,1-Dichloroethane	3.91	63	399797	51.45	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	235037	52.29	ug/L	98
22) 2-Butanone	4.74	43	432741	98.85	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038339.D
 Acq On : 28 May 2020 11:38
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV34

Quant Time: May 29 04:27:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	112484	50.55	ug/L	96
25) Chloroform	5.13	83	397454	49.74	ug/L	98
27) 1,2-Dichloroethane	5.83	62	328001	50.69	ug/L	100
29) Cyclohexane	5.42	56	359992	51.55	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	346204	52.27	ug/L	99
31) Carbon tetrachloride	5.56	117	290190	52.57	ug/L	99
33) Benzene	5.81	78	904871	52.89	ug/L	100
34) Trichloroethene	6.57	95	225886	51.61	ug/L	99
35) Methylcyclohexane	6.79	83	361511	52.61	ug/L	99
37) 1,2-Dichloropropane	6.82	63	233348	52.59	ug/L	100
38) Bromodichloromethane	7.13	83	298646	52.53	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	368503	52.20	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	763223	108.17	ug/L	100
42) Toluene	7.99	91	958524	53.37	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	352240	53.30	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	219470	52.13	ug/L	99
46) Tetrachloroethene	8.57	164	165440	51.70	ug/L	95
48) 2-Hexanone	8.71	43	639314	107.31	ug/L	99
49) Dibromochloromethane	8.83	129	229068	53.73	ug/L	95
50) 1,2-Dibromoethane	8.94	107	238130	52.62	ug/L	98
51) Chlorobenzene	9.47	112	598691	51.87	ug/L	100
52) Ethylbenzene	9.59	91	1066615	53.00	ug/L	100
53) m,p-Xylene	9.71	106	410020	53.28	ug/L	99
54) o-xylene	10.12	106	400548	53.53	ug/L	99
55) Styrene	10.13	104	696085	54.13	ug/L	99
56) Isopropylbenzene	10.50	105	1043773	53.38	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	379726	52.70	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	322740	52.02	ug/L	100
61) Bromoform	10.31	173	163968	53.59	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	469238	52.70	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	477242	52.73	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	464674	52.63	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	96896	53.61	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	341438	53.88	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	329414	54.20	ug/L	99
69) Naphthalene	14.11	128	1249737	57.43	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	333599	54.95	ug/L	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
Data File : VU038339.D
Acq On : 28 May 2020 11:38
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV34

Quant Time: May 29 04:27:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:25:25 2020
Response via : Initial Calibration

