

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028526.D
 Acq On : 07 Dec 2018 12:21
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV59

Quant Time: Dec 11 02:01:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:56:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	157528	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147222	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76778	52.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.38%
7) Chloroethane-d5	1.68	69	59001	53.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.27	63	132945	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.50%
21) 2-Butanone-d5	4.17	46	126356	106.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.95%
24) Chloroform-d	4.65	84	122886	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.56%
26) 1,2-Dichloroethane-d4	5.31	65	81309	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.94%
32) Benzene-d6	5.34	84	256029	55.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.24%
36) 1,2-Dichloropropane-d6	6.33	67	90885	54.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.94%
41) Toluene-d8	7.56	98	228078	54.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.68%
43) trans-1,3-Dichloropropene-	7.85	79	42908	56.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.50%
47) 2-Hexanone-d5	8.31	63	88098	110.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116757	54.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	80527	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	63701	48.553 ug/L	98
3) Chloromethane	1.33	50	99555	49.348 ug/L	98
5) Vinyl chloride	1.40	62	85097	48.734 ug/L	98
6) Bromomethane	1.62	94	26673	50.893 ug/L	93
8) Chloroethane	1.70	64	48447	48.416 ug/L	99
9) Trichlorofluoromethane	1.89	101	89419	49.040 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	55421	50.610 ug/L	98
12) 1,1-Dichloroethene	2.28	96	51791	49.908 ug/L	94
13) Acetone	2.32	43	113359	85.820 ug/L	99
14) Carbon disulfide	2.48	76	188619	48.995 ug/L	98
15) Methyl Acetate	2.61	43	89559	48.652 ug/L	99
16) Methylene chloride	2.70	84	65828	48.520 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	59756	49.661 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	198402	48.946 ug/L	100
19) 1,1-Dichloroethane	3.44	63	125713	49.285 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	67111	49.176 ug/L	100
22) 2-Butanone	4.26	43	143792	92.212 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120718\
 Data File : VU028526.D
 Acq On : 07 Dec 2018 12:21
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV59

Quant Time: Dec 11 02:01:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:56:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	30770	50.493	ug/L	98
25) Chloroform	4.67	83	116731	49.695	ug/L	98
27) 1,2-Dichloroethane	5.40	62	93829	48.326	ug/L	100
29) Cyclohexane	4.99	56	122386	50.230	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	93100	50.938	ug/L	99
31) Carbon tetrachloride	5.13	117	74549	50.417	ug/L	98
33) Benzene	5.39	78	267220	50.885	ug/L	100
34) Trichloroethene	6.18	95	64713	50.735	ug/L	98
35) Methylcyclohexane	6.41	83	110566	51.416	ug/L	99
37) 1,2-Dichloropropane	6.43	63	78901	50.260	ug/L	100
38) Bromodichloromethane	6.76	83	88443	51.229	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	115255	51.730	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	242103	101.277	ug/L	100
42) Toluene	7.64	91	274883	51.526	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	105764	51.466	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	62655	50.932	ug/L	99
46) Tetrachloroethene	8.22	164	45629	50.557	ug/L	98
48) 2-Hexanone	8.36	43	198253	98.012	ug/L	99
49) Dibromochloromethane	8.48	129	62209	49.991	ug/L	100
50) 1,2-Dibromoethane	8.58	107	65015	50.394	ug/L	97
51) Chlorobenzene	9.12	112	162025	50.414	ug/L	98
52) Ethylbenzene	9.25	91	300885	50.945	ug/L	100
53) m,p-Xylene	9.37	106	108959	50.963	ug/L	98
54) o-xylene	9.78	106	105772	50.381	ug/L	95
55) Styrene	9.79	104	186107	52.209	ug/L	98
56) Isopropylbenzene	10.16	105	280363	51.231	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	114140	50.516	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	89798	50.625	ug/L	100
61) Bromoform	9.96	173	46150	49.771	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	123877	50.091	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	127106	50.790	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	123758	50.086	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	24186	49.714	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	96327	53.635	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	87088	51.698	ug/L	97
69) Naphthalene	13.74	128	294536	52.679	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	88176	52.402	ug/L	99

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

