

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120418\
 Data File : VU028456.D
 Acq On : 04 Dec 2018 10:15
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Dec 05 03:09:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	406069	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	180639	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.44%
7) Chloroethane-d5	1.68	69	150515	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.92%
11) 1,1-Dichloroethene-d2	2.27	63	321361	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.48%
21) 2-Butanone-d5	4.17	46	327421	109.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.81%
24) Chloroform-d	4.65	84	322507	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.06%
26) 1,2-Dichloroethane-d4	5.31	65	212204	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
32) Benzene-d6	5.34	84	648348	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.76%
36) 1,2-Dichloropropane-d6	6.33	67	234758	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.14%
41) Toluene-d8	7.56	98	574266	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%
43) trans-1,3-Dichloropropene-	7.85	79	105622	53.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.76%
47) 2-Hexanone-d5	8.31	63	231708	109.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306524	54.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	207047	54.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	155501	42.828	ug/L	100
3) Chloromethane	1.33	50	221253	42.174	ug/L	98
5) Vinyl chloride	1.41	62	186524	41.570	ug/L	98
6) Bromomethane	1.63	94	60332	47.769	ug/L	99
8) Chloroethane	1.70	64	109369	43.418	ug/L	98
9) Trichlorofluoromethane	1.89	101	197105	43.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	121491	45.800	ug/L	98
12) 1,1-Dichloroethene	2.29	96	114334	44.618	ug/L	93
13) Acetone	2.32	43	276524	89.150	ug/L	100
14) Carbon disulfide	2.48	76	412266	42.495	ug/L	100
15) Methyl Acetate	2.61	43	189114	41.211	ug/L	98
16) Methylene chloride	2.70	84	144322	43.507	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	127534	43.916	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	432859	42.893	ug/L	100
19) 1,1-Dichloroethane	3.44	63	270369	43.099	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	145746	43.636	ug/L	94
22) 2-Butanone	4.26	43	322719	83.112	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120418\
 Data File : VU028456.D
 Acq On : 04 Dec 2018 10:15
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Dec 05 03:09:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	64419	44.087	ug/L	96
25) Chloroform	4.67	83	251421	43.773	ug/L	98
27) 1,2-Dichloroethane	5.40	62	206227	43.372	ug/L	99
29) Cyclohexane	5.00	56	264156	41.718	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	196522	42.554	ug/L	99
31) Carbon tetrachloride	5.13	117	160610	43.178	ug/L	97
33) Benzene	5.39	78	581048	43.355	ug/L	100
34) Trichloroethene	6.18	95	138233	43.136	ug/L	99
35) Methylcyclohexane	6.41	83	240754	43.158	ug/L	99
37) 1,2-Dichloropropane	6.43	63	170182	42.826	ug/L	100
38) Bromodichloromethane	6.76	83	189810	43.047	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	241252	42.758	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	508959	80.987	ug/L	99
42) Toluene	7.64	91	589857	43.246	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	224219	43.369	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	134218	43.433	ug/L	98
46) Tetrachloroethene	8.23	164	99796	44.284	ug/L	98
48) 2-Hexanone	8.36	43	437133	82.790	ug/L	100
49) Dibromochloromethane	8.48	129	136467	43.172	ug/L	93
50) 1,2-Dibromoethane	8.58	107	140581	42.323	ug/L	99
51) Chlorobenzene	9.12	112	348972	42.891	ug/L	98
52) Ethylbenzene	9.25	91	646096	42.882	ug/L	99
53) m,p-Xylene	9.37	106	231056	42.997	ug/L	98
54) o-xylene	9.78	106	227717	42.783	ug/L	100
55) Styrene	9.79	104	399092	43.764	ug/L	97
56) Isopropylbenzene	10.17	105	602392	42.901	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	247099	42.866	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	189007	41.902	ug/L	100
61) Bromoform	9.96	173	97868	42.255	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	264366	43.078	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	265285	42.926	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	263387	43.239	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	49420	40.273	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	200744	44.465	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	179006	42.573	ug/L	100
69) Naphthalene	13.74	128	607068	41.406	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	183309	43.280	ug/L	98

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

