

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
 Data File : VU036506.D
 Acq On : 16 Jan 2020 18:21
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Jan 17 00:49:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 00:47:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	555072	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	532506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	258192	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	163492	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.86%
7) Chloroethane-d5	1.93	69	149926	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.26%
11) 1,1-Dichloroethene-d2	2.59	63	326705	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.56%
21) 2-Butanone-d5	4.68	46	301146	97.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.33%
24) Chloroform-d	5.11	84	353379	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	5.74	65	229950	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.77	84	664217	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
36) 1,2-Dichloropropane-d6	6.73	67	218734	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.93	98	623116	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	8.21	79	117824	48.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.58%
47) 2-Hexanone-d5	8.67	63	232334	100.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.10%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	343699	50.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.90%
64) 1,2-Dichlorobenzene-d4	12.21	152	247276	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	237481	46.167	ug/L	99
3) Chloromethane	1.54	50	218734	47.222	ug/L	98
5) Vinyl chloride	1.62	62	221890	48.262	ug/L	99
6) Bromomethane	1.87	94	134926	48.260	ug/L	96
8) Chloroethane	1.95	64	125693	46.215	ug/L	98
9) Trichlorofluoromethane	2.16	101	299493	47.827	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	158725	47.941	ug/L	98
12) 1,1-Dichloroethene	2.61	96	161150	49.121	ug/L	96
13) Acetone	2.66	43	276071	82.444	ug/L	99
14) Carbon disulfide	2.82	76	499605	47.085	ug/L	100
15) Methyl Acetate	2.99	43	214498	47.900	ug/L	99
16) Methylene chloride	3.08	84	191991	47.566	ug/L	96
17) trans-1,2-Dichloroethene	3.39	96	177875	49.454	ug/L	96
18) Methyl tert-butyl Ether	3.41	73	598535	48.831	ug/L	99
19) 1,1-Dichloroethane	3.92	63	329689	48.553	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	207643	50.352	ug/L	97
22) 2-Butanone	4.76	43	350409	92.211	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011620\
 Data File : VU036506.D
 Acq On : 16 Jan 2020 18:21
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Jan 17 00:49:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 00:47:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	98203	49.293	ug/L	97
25) Chloroform	5.13	83	355290	49.062	ug/L	99
27) 1,2-Dichloroethane	5.84	62	283463	49.422	ug/L	97
29) Cyclohexane	5.43	56	301637	47.228	ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	310274	49.060	ug/L	98
31) Carbon tetrachloride	5.56	117	273249	50.411	ug/L	99
33) Benzene	5.82	78	750403	49.042	ug/L	100
34) Trichloroethene	6.58	95	205137	49.649	ug/L	99
35) Methylcyclohexane	6.80	83	309658	48.679	ug/L	99
37) 1,2-Dichloropropane	6.83	63	195344	48.170	ug/L	100
38) Bromodichloromethane	7.14	83	268731	48.150	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	317301	48.330	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	602112	92.294	ug/L	98
42) Toluene	8.00	91	829129	49.889	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	303309	49.873	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	196037	50.573	ug/L	98
46) Tetrachloroethene	8.58	164	143220	51.532	ug/L	99
48) 2-Hexanone	8.72	43	491607	95.278	ug/L	98
49) Dibromochloromethane	8.84	129	216136	50.127	ug/L	99
50) 1,2-Dibromoethane	8.95	107	217698	49.544	ug/L	98
51) Chlorobenzene	9.47	112	529501	50.668	ug/L	99
52) Ethylbenzene	9.60	91	936631	50.458	ug/L	97
53) m,p-Xylene	9.72	106	349017	50.280	ug/L	99
54) o-xylene	10.12	106	352198	50.824	ug/L	96
55) Styrene	10.14	104	586605	52.194	ug/L	99
56) Isopropylbenzene	10.51	105	903996	50.827	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	338795	50.260	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	275406	49.247	ug/L	100
61) Bromoform	10.32	173	155996	44.365	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	401717	49.411	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	401774	49.181	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	398045	49.635	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	84598	47.971	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	268225	54.558	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	229028	63.214	ug/L	99
69) Naphthalene	14.10	128	851113	69.521	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	233527	62.131	ug/L	98

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

