

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121620\
 Data File : VU041658.D
 Acq On : 16 Dec 2020 09:58
 Operator : SY/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050203

Quant Time: Dec 17 02:45:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 02:44:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	277724	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	245734	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	124857	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	97285	43.07	ug/L	0.00
7) Chloroethane-d5	1.92	69	85152	49.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	179647	41.55	ug/L	0.00
21) 2-Butanone-d5	4.65	46	155565	83.34	ug/L	0.00
24) Chloroform-d	5.08	84	178168	44.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	113454	40.60	ug/L	0.00
32) Benzene-d6	5.74	84	356891	51.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	112158	48.04	ug/L	0.00
41) Toluene-d8	7.91	98	352344	55.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	58182	48.84	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	123752	115.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	163537	49.19	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	125128	51.38	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	110011	54.477	ug/L 100
3) Chloromethane	1.53	50	100423	43.401	ug/L 100
5) Vinyl chloride	1.61	62	109567	46.720	ug/L 100
6) Bromomethane	1.87	94	82603	61.376	ug/L 100
8) Chloroethane	1.94	64	75695	49.400	ug/L 100
9) Trichlorofluoromethane	2.15	101	167164	50.385	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	92163	44.837	ug/L 100
12) 1,1-Dichloroethene	2.59	96	87515	45.489	ug/L 100
13) Acetone	2.65	43	114865	61.392	ug/L 100
14) Carbon disulfide	2.81	76	275936	45.148	ug/L 100
15) Methyl Acetate	2.96	43	108517	37.354	ug/L 100
16) Methylene chloride	3.06	84	97802	43.302	ug/L 100
17) trans-1,2-Dichloroethene	3.37	96	91510	46.094	ug/L 100
18) Methyl tert-butyl Ether	3.38	73	281419	43.718	ug/L 100
19) 1,1-Dichloroethane	3.89	63	166271	40.903	ug/L 100
20) cis-1,2-Dichloroethene	4.68	96	101208	46.544	ug/L 100
22) 2-Butanone	4.73	43	165398	73.138	ug/L 100
23) Bromochloromethane	4.99	128	53898	46.919	ug/L 100
25) Chloroform	5.11	83	174854	42.346	ug/L 100
27) 1,2-Dichloroethane	5.81	62	136241	39.235	ug/L 100
29) Cyclohexane	5.41	56	149651	45.917	ug/L 100
30) 1,1,1-Trichloroethane	5.33	97	154488	48.900	ug/L 100
31) Carbon tetrachloride	5.54	117	134112	48.901	ug/L 100
33) Benzene	5.79	78	397332	49.733	ug/L 100
34) Trichloroethene	6.55	95	105360	50.942	ug/L 100
35) Methylcyclohexane	6.77	83	167960	52.770	ug/L 100
37) 1,2-Dichloropropane	6.80	63	102084	46.029	ug/L 100
38) Bromodichloromethane	7.11	83	134507	47.501	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	162881	50.370	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	291602	83.671	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121620\
 Data File : VU041658.D
 Acq On : 16 Dec 2020 09:58
 Operator : SY/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050203

Quant Time: Dec 17 02:45:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 02:44:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	438228	53.582	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	158339	48.565	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	102351	51.771	ug/L	100
46) Tetrachloroethene	8.56	164	85143	57.042	ug/L	100
48) 2-Hexanone	8.69	43	241824	86.696	ug/L	100
49) Dibromochloromethane	8.82	129	111681	51.627	ug/L	100
50) 1,2-Dibromoethane	8.93	107	106326	50.404	ug/L	100
51) Chlorobenzene	9.45	112	265150	49.405	ug/L	100
52) Ethylbenzene	9.57	91	451371	50.238	ug/L	100
53) m,p-Xylene	9.69	106	176393	53.453	ug/L	100
54) o-xylene	10.10	106	172432	53.437	ug/L	100
55) Styrene	10.11	104	293902	53.510	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	168023	48.811	ug/L	100
59) Bromoform	10.29	173	82279	53.361	ug/L	100
60) 1,2,3-Trichloropropane	10.82	75	142613	48.688	ug/L	100
61) Isopropylbenzene	10.48	105	449111	52.187	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	378124	53.674	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	386065	54.250	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	205527	50.238	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	203958	48.443	ug/L	100
67) 1,2-Dichlorobenzene	12.21	146	210709	51.485	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	45010	53.483	ug/L	100
69) 1,3,5-Trichlorobenzene	13.21	180	150253	55.623	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	126411	54.673	ug/L	100
71) Naphthalene	14.07	128	446662	61.963	ug/L	100
72) 1,2,3-Trichlorobenzene	14.31	180	131853	57.884	ug/L	100

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

