

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101020\
 Data File : VU040632.D
 Acq On : 10 Oct 2020 13:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050213

Quant Time: Oct 12 01:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 01:29:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	265233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	261616	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	141943	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	97741	42.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.82%
7) Chloroethane-d5	1.92	69	73385	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.58%
11) 1,1-Dichloroethene-d2	2.58	63	197797	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.02%
21) 2-Butanone-d5	4.65	46	207683	114.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.89%
24) Chloroform-d	5.08	84	193540	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	5.72	65	129034	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.74	84	357482	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
36) 1,2-Dichloropropane-d6	6.70	67	118002	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.58%
41) Toluene-d8	7.90	98	328283	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	8.19	79	61146	48.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.90%
47) 2-Hexanone-d5	8.64	63	138968	119.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.46%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	181898	50.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.92%
66) 1,2-Dichlorobenzene-d4	12.19	152	133715	46.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	127090	49.762	ug/L	100
3) Chloromethane	1.53	50	118262	44.064	ug/L	99
5) Vinyl chloride	1.61	62	124315	46.784	ug/L	99
6) Bromomethane	1.87	94	59727	42.824	ug/L	97
8) Chloroethane	1.94	64	73367	45.761	ug/L	96
9) Trichlorofluoromethane	2.15	101	170735	50.090	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	101450	49.930	ug/L	97
12) 1,1-Dichloroethene	2.59	96	92962	49.485	ug/L	94
13) Acetone	2.65	43	217369	125.208	ug/L	100
14) Carbon disulfide	2.81	76	307333	47.654	ug/L	100
15) Methyl Acetate	2.96	43	153724	54.286	ug/L	100
16) Methylene chloride	3.06	84	107013	48.034	ug/L	96
17) trans-1,2-Dichloroethene	3.37	96	98296	49.127	ug/L	96
18) Methyl tert-butyl Ether	3.38	73	311783	49.543	ug/L	99
19) 1,1-Dichloroethane	3.89	63	196098	49.140	ug/L	99
20) cis-1,2-Dichloroethene	4.68	96	107427	49.819	ug/L	99
22) 2-Butanone	4.73	43	258689	116.811	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101020\
 Data File : VU040632.D
 Acq On : 10 Oct 2020 13:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050213

Quant Time: Oct 12 01:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 01:29:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	54864	48.824	ug/L	98
25) Chloroform	5.11	83	199437	49.012	ug/L	99
27) 1,2-Dichloroethane	5.81	62	165863	49.392	ug/L	100
29) Cyclohexane	5.40	56	179866	51.347	ug/L	98
30) 1,1,1-Trichloroethane	5.33	97	169157	50.345	ug/L	98
31) Carbon tetrachloride	5.54	117	146646	50.473	ug/L	98
33) Benzene	5.79	78	423836	50.122	ug/L	100
34) Trichloroethene	6.55	95	106845	49.049	ug/L	98
35) Methylcyclohexane	6.77	83	168625	50.915	ug/L	99
37) 1,2-Dichloropropane	6.80	63	115493	49.737	ug/L	99
38) Bromodichloromethane	7.11	83	146375	48.529	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	163928	48.169	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	401895	109.687	ug/L	100
42) Toluene	7.98	91	436650	50.578	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	171936	50.178	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	104684	50.325	ug/L	99
46) Tetrachloroethene	8.56	164	79498	50.506	ug/L	97
48) 2-Hexanone	8.69	43	346051	116.202	ug/L	98
49) Dibromochloromethane	8.81	129	112004	49.311	ug/L	100
50) 1,2-Dibromoethane	8.93	107	113205	51.336	ug/L	98
51) Chlorobenzene	9.45	112	274365	48.453	ug/L	99
52) Ethylbenzene	9.57	91	483955	50.504	ug/L	100
53) m,p-Xylene	9.69	106	181866	51.540	ug/L	99
54) o-xylene	10.10	106	174367	51.938	ug/L	99
55) Styrene	10.11	104	312370	52.825	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.78	83	186432	50.681	ug/L	99
59) Bromoform	10.29	173	82860	47.627	ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	153839	47.714	ug/L	99
61) Isopropylbenzene	10.48	105	461285	48.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	389666	49.753	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	402369	50.657	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	226046	48.633	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	230345	47.185	ug/L	99
67) 1,2-Dichlorobenzene	12.20	146	223873	48.080	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	46759	51.617	ug/L	97
69) 1,3,5-Trichlorobenzene	13.21	180	155247	50.977	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	132331	50.134	ug/L	98
71) Naphthalene	14.08	128	427110	52.349	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	138142	52.725	ug/L	97

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

