

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100620\
 Data File : VU040526.D
 Acq On : 06 Oct 2020 14:19
 Operator : SY/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200206

Quant Time: Oct 07 07:38:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:29:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	286734	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	285750	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	151650	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	500388	205.79	ug/L	0.00
7) Chloroethane-d5	1.91	69	378760	206.95	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.57	63	954278	204.17	ug/L	0.00
21) 2-Butanone-d5	4.64	46	828973	413.69	ug/L	0.00
24) Chloroform-d	5.08	84	858409	199.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	580998	191.98	ug/L	0.00
32) Benzene-d6	5.74	84	1659451	203.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	544045	197.12	ug/L	0.00
41) Toluene-d8	7.91	98	1528437	208.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	294241	210.37	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	611450	497.56	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.76	84	806742	207.43	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	603534	204.35	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.38	85	531305	244.835	ug/L	99
3) Chloromethane	1.52	50	538196	212.485	ug/L	100
5) Vinyl chloride	1.61	62	560417	221.450	ug/L	98
6) Bromomethane	1.84	94	298003	222.817	ug/L	99
8) Chloroethane	1.93	64	332590	206.273	ug/L	99
9) Trichlorofluoromethane	2.14	101	707735	204.787	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	420384	193.179	ug/L	99
12) 1,1-Dichloroethene	2.59	96	405889	200.358	ug/L	97
13) Acetone	2.63	43	712594	343.840	ug/L	99
14) Carbon disulfide	2.80	76	1348301	206.540	ug/L	100
15) Methyl Acetate	2.96	43	601479	190.066	ug/L	99
16) Methylene chloride	3.06	84	457239	191.327	ug/L	96
17) trans-1,2-Dichloroethene	3.37	96	422135	201.512	ug/L	98
18) Methyl tert-butyl Ether	3.38	73	1417129	207.107	ug/L	100
19) 1,1-Dichloroethane	3.89	63	829055	189.967	ug/L	99
20) cis-1,2-Dichloroethene	4.68	96	463615	202.119	ug/L	96
22) 2-Butanone	4.72	43	940935	379.924	ug/L	100
23) Bromochloromethane	4.99	128	237926	198.260	ug/L	98
25) Chloroform	5.11	83	824162	186.836	ug/L	100
27) 1,2-Dichloroethane	5.81	62	693155	185.268	ug/L	99
29) Cyclohexane	5.40	56	800737	205.999	ug/L	99
30) 1,1,1-Trichloroethane	5.33	97	716194	194.319	ug/L	99
31) Carbon tetrachloride	5.54	117	628917	196.279	ug/L	98
33) Benzene	5.79	78	1801753	193.675	ug/L	100
34) Trichloroethene	6.56	95	458063	192.184	ug/L	99
35) Methylcyclohexane	6.77	83	755075	207.111	ug/L	98
37) 1,2-Dichloropropane	6.80	63	488374	186.964	ug/L	99
38) Bromodichloromethane	7.11	83	638105	192.401	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	797321	212.119	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	1711798	410.170	ug/L	99

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42) Toluene	7.98	91	1886006	200.331	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	788454	206.805	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	437815	191.686	ug/L	97
46) Tetrachloroethene	8.56	164	339123	202.298	ug/L	98
48) 2-Hexanone	8.69	43	1376174	411.612	ug/L	99
49) Dibromochloromethane	8.82	129	507147	203.634	ug/L	99
50) 1,2-Dibromoethane	8.93	107	486755	199.919	ug/L	97
51) Chlorobenzene	9.45	112	1211868	194.352	ug/L	100
52) Ethylbenzene	9.57	91	2173053	207.472	ug/L	100
53) m,p-Xylene	9.70	106	806407	211.707	ug/L	97
54) o-xylene	10.10	106	785210	210.910	ug/L	100
55) Styrene	10.11	104	1376054	215.169	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	806986	201.331	ug/L	98
59) Bromoform	10.29	173	384774	209.785	ug/L	100
60) 1,2,3-Trichloropropane	10.82	75	665010	188.457	ug/L	99
61) Isopropylbenzene	10.48	105	2105864	203.440	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	1868393	220.408	ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	1897090	221.544	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	987821	200.139	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	994438	194.082	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	965821	196.417	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	203460	206.205	ug/L	97
69) 1,3,5-Trichlorobenzene	13.21	180	670708	210.246	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	613695	223.984	ug/L	99
71) Naphthalene	14.08	128	2045220	246.722	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	580399	218.189	ug/L	99

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

