

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092420\
 Data File : VU040263.D
 Acq On : 24 Sep 2020 10:41
 Operator : SY/MD
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100204

Quant Time: Sep 25 09:18:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM092420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 09:11:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	416643	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	405494	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	209798	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	345793	120.06	ug/L	0.00
7) Chloroethane-d5	1.91	69	259973	101.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	665499	120.63	ug/L	0.00
21) 2-Butanone-d5	4.64	46	603289	236.12	ug/L	0.00
24) Chloroform-d	5.08	84	615630	117.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	427386	119.04	ug/L	0.00
32) Benzene-d6	5.74	84	1181400	109.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	390949	108.60	ug/L	0.00
41) Toluene-d8	7.91	98	1088842	109.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	204164	116.88	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	395122	201.11	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	561341	106.80	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	406788	105.85	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	284815	98.191	ug/L	100
3) Chloromethane	1.53	50	349255	101.019	ug/L	98
5) Vinyl chloride	1.61	62	350943	95.996	ug/L	98
6) Bromomethane	1.85	94	190930	87.466	ug/L	100
8) Chloroethane	1.93	64	217032	93.428	ug/L	97
9) Trichlorofluoromethane	2.14	101	471260	105.108	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	297567	109.187	ug/L	99
12) 1,1-Dichloroethene	2.59	96	282924	108.184	ug/L	97
13) Acetone	2.63	43	571022	212.830	ug/L	99
14) Carbon disulfide	2.80	76	909512	114.138	ug/L	99
15) Methyl Acetate	2.96	43	450268	116.978	ug/L	99
16) Methylene chloride	3.06	84	333814	103.779	ug/L	98
17) trans-1,2-Dichloroethene	3.37	96	298458	106.910	ug/L	96
18) Methyl tert-butyl Ether	3.38	73	1025164	106.816	ug/L	100
19) 1,1-Dichloroethane	3.89	63	619171	110.253	ug/L	100
20) cis-1,2-Dichloroethene	4.68	96	336539	106.937	ug/L	100
22) 2-Butanone	4.72	43	735598	230.897	ug/L	99
23) Bromochloromethane	4.99	128	168040	111.385	ug/L	99
25) Chloroform	5.11	83	624941	113.824	ug/L	97
27) 1,2-Dichloroethane	5.81	62	522068	113.346	ug/L	99
29) Cyclohexane	5.40	56	579291	107.614	ug/L	98
30) 1,1,1-Trichloroethane	5.33	97	524617	115.181	ug/L	99
31) Carbon tetrachloride	5.54	117	453054	121.319	ug/L	100
33) Benzene	5.79	78	1316703	104.380	ug/L	100
34) Trichloroethene	6.56	95	334447	106.490	ug/L	97
35) Methylcyclohexane	6.77	83	542741	100.252	ug/L	99
37) 1,2-Dichloropropane	6.80	63	361929	105.781	ug/L	99
38) Bromodichloromethane	7.11	83	468746	111.516	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	575176	106.744	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	1275605	232.867	ug/L	99

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42) Toluene	7.98	91	1380175	101.957	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	567420	117.445	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	319173	103.310	ug/L	98
46) Tetrachloroethene	8.56	164	237583	107.508	ug/L	98
48) 2-Hexanone	8.69	43	1030713	229.667	ug/L	100
49) Dibromochloromethane	8.82	129	359034	115.803	ug/L	98
50) 1,2-Dibromoethane	8.93	107	348967	107.045	ug/L	100
51) Chlorobenzene	9.45	112	864253	105.066	ug/L	99
52) Ethylbenzene	9.57	91	1567636	105.320	ug/L	99
53) m,p-Xylene	9.69	106	579583	105.726	ug/L	99
54) o-xylene	10.10	106	563873	103.783	ug/L	96
55) Styrene	10.11	104	976936	107.231	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	569709	103.251	ug/L	99
59) Bromoform	10.29	173	256042	108.244	ug/L	99
60) 1,2,3-Trichloropropane	10.82	75	483058	97.679	ug/L	98
61) Isopropylbenzene	10.48	105	1504353	96.809	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	1292555	97.642	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	1318505	99.049	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	682066	102.748	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	689540	102.404	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	676893	100.812	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	143110	101.459	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	458360	99.711	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	403710	104.503	ug/L	99
71) Naphthalene	14.08	128	1380627	103.030	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	391668	100.462	ug/L	98

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

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