

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092420\
 Data File : VU040260.D
 Acq On : 24 Sep 2020 09:34
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005201

Quant Time: Sep 25 09:17:57 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	374649	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	373660	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	180664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16889	6.52	ug/L	0.00
7) Chloroethane-d5	1.92	69	12319	5.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	32437	6.54	ug/L	0.00
21) 2-Butanone-d5	4.64	46	24613	10.71	ug/L	0.00
24) Chloroform-d	5.08	84	29426	6.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.71	65	21208	6.57	ug/L	0.00
32) Benzene-d6	5.74	84	53172	5.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	18808	5.67	ug/L	0.00
41) Toluene-d8	7.90	98	45361	4.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	8710	5.41	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	12238	6.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	25457	5.26	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	18741	5.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	14876	5.703	ug/L 96
3) Chloromethane	1.52	50	17827	5.734	ug/L 95
5) Vinyl chloride	1.61	62	17716	5.389	ug/L 100
6) Bromomethane	1.86	94	9253	4.714	ug/L 98
8) Chloroethane	1.94	64	11610	5.558	ug/L 98
9) Trichlorofluoromethane	2.15	101	24867	6.168	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	15548	6.345	ug/L 100
12) 1,1-Dichloroethene	2.59	96	15088	6.416	ug/L 87
13) Acetone	2.64	43	30989	12.845	ug/L 97
14) Carbon disulfide	2.80	76	45932	6.410	ug/L 100
15) Methyl Acetate	2.96	43	21739	6.281	ug/L 100
16) Methylene chloride	3.06	84	17247	5.963	ug/L 94
17) trans-1,2-Dichloroethene	3.37	96	14568	5.803	ug/L 94
18) Methyl tert-butyl Ether	3.38	73	44960	5.210	ug/L 97
19) 1,1-Dichloroethane	3.89	63	30274	5.995	ug/L 100
20) cis-1,2-Dichloroethene	4.68	96	15389	5.438	ug/L 90
22) 2-Butanone	4.72	43	32645	11.396	ug/L 98
23) Bromochloromethane	4.99	128	8533	6.290	ug/L 94
25) Chloroform	5.11	83	31473	6.375	ug/L 100
27) 1,2-Dichloroethane	5.81	62	27507	6.641	ug/L 96
29) Cyclohexane	5.40	56	24686	4.977	ug/L 97
30) 1,1,1-Trichloroethane	5.33	97	25542	6.086	ug/L 98
31) Carbon tetrachloride	5.54	117	21962	6.382	ug/L 100
33) Benzene	5.79	78	63921	5.499	ug/L 100
34) Trichloroethene	6.55	95	16509	5.704	ug/L 98
35) Methylcyclohexane	6.77	83	23317	4.674	ug/L 96
37) 1,2-Dichloropropane	6.80	63	18574	5.891	ug/L 98
38) Bromodichloromethane	7.11	83	23053	5.952	ug/L 97
39) cis-1,3-Dichloropropene	7.61	75	22577	4.547	ug/L 91
40) 4-Methyl-2-pentanone	7.80	43	51505	10.203	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	59794	4.793	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	23905	5.369	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	15733	5.526	ug/L	93
46) Tetrachloroethene	8.56	164	11111	5.456	ug/L	91
48) 2-Hexanone	8.69	43	39746	9.611	ug/L	98
49) Dibromochloromethane	8.81	129	16460	5.761	ug/L	97
50) 1,2-Dibromoethane	8.93	107	16386	5.455	ug/L	97
51) Chlorobenzene	9.45	112	43822	5.781	ug/L	97
52) Ethylbenzene	9.57	91	65911	4.805	ug/L	98
53) m,p-Xylene	9.69	106	22943	4.542	ug/L	93
54) o-xylene	10.10	106	22723	4.539	ug/L	97
55) Styrene	10.11	104	37044	4.412	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.78	83	27055	5.321	ug/L	90
59) Bromoform	10.29	173	11124	5.461	ug/L	98
60) 1,2,3-Trichloropropane	10.82	75	22590	5.305	ug/L	97
61) Isopropylbenzene	10.48	105	59991	4.483	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	43999	3.860	ug/L	98
63) 1,2,4-Trimethylbenzene	11.47	105	43447	3.790	ug/L	98
64) 1,3-Dichlorobenzene	11.74	146	30861	5.399	ug/L	96
65) 1,4-Dichlorobenzene	11.83	146	33113	5.711	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	31461	5.441	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.99	75	5788	4.765	ug/L	94
69) 1,3,5-Trichlorobenzene	13.21	180	18094	4.571	ug/L	97
70) 1,2,4-trichlorobenzene	13.83	180	15025	4.517	ug/L	99
71) Naphthalene	14.08	128	33994	2.946	ug/L	98
72) 1,2,3-Trichlorobenzene	14.32	180	14769	4.399	ug/L	98

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

