

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100620\
 Data File : VU040525.D
 Acq On : 06 Oct 2020 13:57
 Operator : SY/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100205

Quant Time: Oct 07 07:38:00 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	284690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	282178	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	146286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	247601	102.56	ug/L	0.00
7) Chloroethane-d5	1.92	69	191117	105.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	466634	100.56	ug/L	0.00
21) 2-Butanone-d5	4.64	46	407076	204.61	ug/L	0.00
24) Chloroform-d	5.08	84	430461	100.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	288102	95.88	ug/L	0.00
32) Benzene-d6	5.74	84	821547	102.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	271433	99.59	ug/L	0.00
41) Toluene-d8	7.91	98	749790	103.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	139062	100.68	ug/L	0.00
47) 2-Hexanone-d5	8.64	63	281810	232.22	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	386627	100.67	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	284662	99.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	267356	124.087	ug/L 98
3) Chloromethane	1.53	50	278149	110.605	ug/L 99
5) Vinyl chloride	1.61	62	276723	110.133	ug/L 98
6) Bromomethane	1.85	94	150501	113.338	ug/L 98
8) Chloroethane	1.94	64	164719	102.893	ug/L 100
9) Trichlorofluoromethane	2.14	101	353639	103.062	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	208472	96.487	ug/L 99
12) 1,1-Dichloroethene	2.59	96	200097	99.483	ug/L 91
13) Acetone	2.63	43	369117	179.385	ug/L 99
14) Carbon disulfide	2.80	76	662585	102.227	ug/L 100
15) Methyl Acetate	2.96	43	299445	95.303	ug/L 99
16) Methylene chloride	3.06	84	229894	96.888	ug/L 95
17) trans-1,2-Dichloroethene	3.37	96	207935	99.973	ug/L 98
18) Methyl tert-butyl Ether	3.38	73	687841	101.246	ug/L 99
19) 1,1-Dichloroethane	3.89	63	413881	95.516	ug/L 99
20) cis-1,2-Dichloroethene	4.68	96	228378	100.279	ug/L 97
22) 2-Butanone	4.72	43	476736	193.875	ug/L 100
23) Bromochloromethane	4.99	128	115763	97.156	ug/L 98
25) Chloroform	5.11	83	415602	94.893	ug/L 99
27) 1,2-Dichloroethane	5.81	62	343607	92.500	ug/L 99
29) Cyclohexane	5.41	56	391806	102.073	ug/L 98
30) 1,1,1-Trichloroethane	5.33	97	354448	97.387	ug/L 99
31) Carbon tetrachloride	5.54	117	307472	97.174	ug/L 98
33) Benzene	5.79	78	899193	97.880	ug/L 100
34) Trichloroethene	6.56	95	228559	97.108	ug/L 99
35) Methylcyclohexane	6.77	83	366816	101.888	ug/L 99
37) 1,2-Dichloropropane	6.80	63	244890	94.938	ug/L 99
38) Bromodichloromethane	7.11	83	316662	96.688	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	381820	102.865	ug/L 98
40) 4-Methyl-2-pentanone	7.80	43	821155	199.251	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	936075	100.688	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	381408	101.306	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	216421	95.954	ug/L	98
46) Tetrachloroethene	8.56	164	165067	99.714	ug/L	95
48) 2-Hexanone	8.69	43	658090	199.325	ug/L	98
49) Dibromochloromethane	8.82	129	247120	100.482	ug/L	98
50) 1,2-Dibromoethane	8.93	107	236208	98.243	ug/L	97
51) Chlorobenzene	9.45	112	590448	95.891	ug/L	100
52) Ethylbenzene	9.57	91	1059910	102.476	ug/L	99
53) m,p-Xylene	9.70	106	397290	105.622	ug/L	97
54) o-xylene	10.10	106	382945	104.162	ug/L	99
55) Styrene	10.11	104	670452	106.163	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	385014	97.271	ug/L	98
59) Bromoform	10.29	173	176128	99.549	ug/L	100
60) 1,2,3-Trichloropropane	10.82	75	320073	94.031	ug/L	98
61) Isopropylbenzene	10.48	105	1013438	101.495	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	880055	107.624	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	892400	108.037	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	470298	98.779	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	475854	96.276	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	464714	97.973	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.99	75	95804	100.657	ug/L	97
69) 1,3,5-Trichlorobenzene	13.21	180	321232	104.389	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	281418	106.477	ug/L	99
71) Naphthalene	14.08	128	936319	117.093	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	274280	106.891	ug/L	99

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

