

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042320\
 Data File : VU037859.D
 Acq On : 23 Apr 2020 12:38
 Operator : JC/MD
 Sample : VSTD01034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01034

Quant Time: Apr 23 13:35:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 23 13:33:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	533250	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	518055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	256755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46987	9.86	ug/L	0.00
7) Chloroethane-d5	1.93	69	37027	9.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	76673	9.51	ug/L	0.00
21) 2-Butanone-d5	4.67	46	76450	19.65	ug/L	0.00
24) Chloroform-d	5.10	84	72774	9.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	51490	9.71	ug/L	0.00
32) Benzene-d6	5.76	84	149347	9.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	49571	9.18	ug/L	0.00
41) Toluene-d8	7.92	98	138845	9.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	25122	9.20	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	54383	19.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	68541	9.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	49683	9.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	44663	9.500	ug/L 100
3) Chloromethane	1.54	50	47845	10.202	ug/L 100
5) Vinyl chloride	1.62	62	52762	9.607	ug/L 96
6) Bromomethane	1.87	94	20104	9.474	ug/L 91
8) Chloroethane	1.95	64	30315	9.400	ug/L 99
9) Trichlorofluoromethane	2.16	101	56907	9.369	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	33232	9.397	ug/L 98
12) 1,1-Dichloroethene	2.60	96	32831	9.416	ug/L 96
13) Acetone	2.66	43	43968	16.989	ug/L 97
14) Carbon disulfide	2.82	76	114306	9.829	ug/L 100
15) Methyl Acetate	2.98	43	53773	9.324	ug/L 100
16) Methylene chloride	3.08	84	39160	9.355	ug/L 98
17) trans-1,2-Dichloroethene	3.39	96	36347	9.446	ug/L 99
18) Methyl tert-butyl Ether	3.40	73	124636	9.099	ug/L 100
19) 1,1-Dichloroethane	3.91	63	73574	9.208	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	40374	9.388	ug/L 100
22) 2-Butanone	4.75	43	77104	18.130	ug/L 99
23) Bromochloromethane	5.01	128	19745	9.560	ug/L 99
25) Chloroform	5.13	83	70797	9.463	ug/L 99
27) 1,2-Dichloroethane	5.83	62	59620	9.244	ug/L 95
29) Cyclohexane	5.42	56	74136	9.524	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	59930	9.440	ug/L 99
31) Carbon tetrachloride	5.56	117	46530	9.110	ug/L 98
33) Benzene	5.81	78	160828	9.472	ug/L 100
34) Trichloroethene	6.57	95	40431	9.645	ug/L 98
35) Methylcyclohexane	6.79	83	68600	9.373	ug/L 97
37) 1,2-Dichloropropane	6.82	63	43285	9.025	ug/L 100
38) Bromodichloromethane	7.13	83	52344	9.069	ug/L 96
39) cis-1,3-Dichloropropene	7.63	75	68941	9.126	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	151006	18.456	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	168365	9.363	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	65861	9.070	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	37903	9.146	ug/L	99
46) Tetrachloroethene	8.57	164	28292	9.396	ug/L	97
48) 2-Hexanone	8.71	43	120097	18.503	ug/L	98
49) Dibromochloromethane	8.83	129	38728	8.976	ug/L	99
50) 1,2-Dibromoethane	8.94	107	40462	9.096	ug/L	99
51) Chlorobenzene	9.47	112	103429	9.211	ug/L	99
52) Ethylbenzene	9.59	91	186346	9.240	ug/L	99
53) m,p-Xylene	9.71	106	69807	9.128	ug/L	97
54) o-xylene	10.12	106	68146	9.170	ug/L	99
55) Styrene	10.13	104	113976	8.849	ug/L	100
56) Isopropylbenzene	10.50	105	178796	9.055	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	68372	9.259	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	58634	9.173	ug/L	99
61) Bromoform	10.31	173	28142	8.752	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	79282	9.129	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	80107	9.136	ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	79028	9.224	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	17314	9.247	ug/L	88
67) 1,3,5-Trichlorobenzene	13.24	180	55144	8.747	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	52943	8.828	ug/L	98
69) Naphthalene	14.11	128	189619	8.976	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	52612	8.816	ug/L	99

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

