

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032120\
 Data File : VU037360.D
 Acq On : 21 Mar 2020 17:49
 Operator : JC/MD
 Sample : VSTD00534
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00534

Quant Time: Mar 23 04:02:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 23 04:00:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	269763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120564	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	14319	6.53	ug/L	0.00
7) Chloroethane-d5	1.93	69	11666	6.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	22639	5.78	ug/L	0.00
21) 2-Butanone-d5	4.67	46	18675	11.13	ug/L	0.00
24) Chloroform-d	5.11	84	23044	5.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	17345	5.87	ug/L	0.00
32) Benzene-d6	5.76	84	43757	5.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	13710	5.64	ug/L	0.00
41) Toluene-d8	7.92	98	40505	5.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	7280	5.45	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	12775	10.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	21047	5.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	15578	6.21	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	16908	5.960	ug/L 96
3) Chloromethane	1.54	50	15269	6.401	ug/L 98
5) Vinyl chloride	1.62	62	14248	5.627	ug/L 95
6) Bromomethane	1.87	94	6104	6.035	ug/L 94
8) Chloroethane	1.95	64	8042	5.478	ug/L 96
9) Trichlorofluoromethane	2.16	101	21380	5.590	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	10554	5.939	ug/L 96
12) 1,1-Dichloroethene	2.60	96	9085	5.586	ug/L 88
13) Acetone	2.66	43	12114	8.098	ug/L 99
14) Carbon disulfide	2.82	76	29575	6.228	ug/L 98
15) Methyl Acetate	2.98	43	12597	5.114	ug/L 97
16) Methylene chloride	3.08	84	10815	5.399	ug/L 98
17) trans-1,2-Dichloroethene	3.39	96	9442	5.553	ug/L 98
18) Methyl tert-butyl Ether	3.41	73	31639	4.911	ug/L 99
19) 1,1-Dichloroethane	3.91	63	19256	5.178	ug/L 97
20) cis-1,2-Dichloroethene	4.71	96	10192	5.021	ug/L 93
22) 2-Butanone	4.75	43	16900	8.697	ug/L 96
23) Bromochloromethane	5.02	128	5829	5.591	ug/L 90
25) Chloroform	5.13	83	22019	5.448	ug/L 97
27) 1,2-Dichloroethane	5.83	62	18241	5.123	ug/L 99
29) Cyclohexane	5.43	56	15913	5.041	ug/L 98
30) 1,1,1-Trichloroethane	5.35	97	18920	5.292	ug/L 96
31) Carbon tetrachloride	5.56	117	17153	5.438	ug/L 97
33) Benzene	5.81	78	40786	5.173	ug/L 100
34) Trichloroethene	6.57	95	10944	5.303	ug/L 99
35) Methylcyclohexane	6.79	83	15371	4.925	ug/L 95
37) 1,2-Dichloropropane	6.82	63	11181	5.027	ug/L 99
38) Bromodichloromethane	7.13	83	15629	5.019	ug/L 88
39) cis-1,3-Dichloropropene	7.64	75	15673	4.558	ug/L 96
40) 4-Methyl-2-pentanone	7.82	43	32122	8.909	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.00	91	42099	4.871	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	15949	4.814	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	10800	5.271	ug/L	91
46) Tetrachloroethene	8.58	164	8698	5.614	ug/L	98
48) 2-Hexanone	8.72	43	26366	9.307	ug/L #	92
49) Dibromochloromethane	8.83	129	12793	5.294	ug/L	99
50) 1,2-Dibromoethane	8.94	107	10980	4.951	ug/L	97
51) Chlorobenzene	9.47	112	27955	5.129	ug/L	98
52) Ethylbenzene	9.59	91	47294	4.763	ug/L	100
53) m,p-Xylene	9.71	106	16674	4.724	ug/L	86
54) o-xylene	10.12	106	16490	4.717	ug/L	95
55) Styrene	10.13	104	25823	4.355	ug/L	99
56) Isopropylbenzene	10.50	105	44354	4.583	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	18048	4.856	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	15462	4.999	ug/L	98
61) Bromoform	10.31	173	10055	5.998	ug/L	94
62) 1,3-Dichlorobenzene	11.76	146	20706	5.458	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	20621	5.402	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	21255	5.491	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	4233	4.991	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	13358	4.876	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	8335	3.911	ug/L	98
69) Naphthalene	14.12	128	16517	4.367	ug/L #	91
70) 1,2,3-Trichlorobenzene	14.36	180	8718	3.876	ug/L	99

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

