

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
 Data File : VU037821.D
 Acq On : 21 Apr 2020 13:01
 Operator : JC/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Apr 21 13:31:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 21 13:29:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	521354	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	504422	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	251152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	220264	48.33	ug/L	0.00
7) Chloroethane-d5	1.93	69	180197	48.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	370681	49.91	ug/L	0.00
21) 2-Butanone-d5	4.66	46	377076	102.11	ug/L	0.00
24) Chloroform-d	5.10	84	359399	52.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	248104	53.32	ug/L	0.00
32) Benzene-d6	5.76	84	754731	50.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	255496	51.72	ug/L	0.00
41) Toluene-d8	7.92	98	689763	50.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	127959	47.92	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	269368	95.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	343297	49.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	252438	48.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	206767	50.628	ug/L 99
3) Chloromethane	1.54	50	202694	42.436	ug/L 100
5) Vinyl chloride	1.62	62	240389	48.093	ug/L 98
6) Bromomethane	1.87	94	91240	34.683	ug/L 99
8) Chloroethane	1.95	64	141469	47.675	ug/L 100
9) Trichlorofluoromethane	2.16	101	266237	49.322	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	155588	47.342	ug/L 98
12) 1,1-Dichloroethene	2.60	96	154491	46.354	ug/L 83
13) Acetone	2.66	43	230900	105.874	ug/L 100
14) Carbon disulfide	2.82	76	504412	44.180	ug/L 100
15) Methyl Acetate	2.98	43	261042	50.334	ug/L 96
16) Methylene chloride	3.08	84	184273	48.396	ug/L 93
17) trans-1,2-Dichloroethene	3.39	96	168369	47.090	ug/L 92
18) Methyl tert-butyl Ether	3.40	73	603756	48.916	ug/L 98
19) 1,1-Dichloroethane	3.91	63	355759	50.753	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	188605	47.975	ug/L 94
22) 2-Butanone	4.74	43	391695	102.614	ug/L 97
23) Bromochloromethane	5.02	128	92567	48.313	ug/L 94
25) Chloroform	5.13	83	330764	50.149	ug/L 97
27) 1,2-Dichloroethane	5.83	62	284921	52.229	ug/L 98
29) Cyclohexane	5.42	56	346897	50.010	ug/L 97
30) 1,1,1-Trichloroethane	5.36	97	284278	49.721	ug/L 98
31) Carbon tetrachloride	5.56	117	228766	49.289	ug/L 99
33) Benzene	5.81	78	755721	49.230	ug/L 100
34) Trichloroethene	6.57	95	184354	48.786	ug/L 98
35) Methylcyclohexane	6.79	83	320599	47.815	ug/L 97
37) 1,2-Dichloropropane	6.82	63	213637	50.649	ug/L 99
38) Bromodichloromethane	7.13	83	257978	49.683	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	338367	49.011	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	740318	98.826	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	795797	48.802	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	325145	48.586	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	181220	48.151	ug/L	99
46) Tetrachloroethene	8.57	164	132367	47.079	ug/L	96
48) 2-Hexanone	8.71	43	582042	98.399	ug/L	98
49) Dibromochloromethane	8.83	129	191187	47.373	ug/L	99
50) 1,2-Dibromoethane	8.94	107	195401	47.986	ug/L	98
51) Chlorobenzene	9.47	112	491824	48.295	ug/L	100
52) Ethylbenzene	9.59	91	886153	48.469	ug/L	100
53) m,p-Xylene	9.71	106	329325	47.439	ug/L	96
54) o-xylene	10.12	106	327449	47.560	ug/L	98
55) Styrene	10.13	104	561742	47.056	ug/L	98
56) Isopropylbenzene	10.50	105	865923	48.303	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	325017	48.364	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	281988	49.211	ug/L	99
61) Bromoform	10.31	173	147737	46.415	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	379471	46.940	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	383612	47.295	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	375312	47.108	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	85037	46.076	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	274652	46.465	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	264406	46.377	ug/L	99
69) Naphthalene	14.11	128	920252	43.746	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	258280	45.468	ug/L	98

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

