

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037559.D
 Acq On : 03 Apr 2020 09:47
 Operator : JC/MD
 Sample : VSTD00536
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00536

Quant Time: Apr 04 02:51:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 02:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	135993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125162	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	59593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	6800	6.16	ug/L	0.00
7) Chloroethane-d5	1.93	69	5888	6.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	10883	5.86	ug/L	0.00
21) 2-Butanone-d5	4.67	46	8885	10.70	ug/L	0.00
24) Chloroform-d	5.11	84	10657	5.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	7906	6.40	ug/L	0.00
32) Benzene-d6	5.76	84	21704	5.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	7607	6.23	ug/L	0.00
41) Toluene-d8	7.93	98	20646	6.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	4083	6.16	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	7650	11.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	10023	5.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	7460	6.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	5407	6.150 ug/L	90
3) Chloromethane	1.54	50	5554	5.956 ug/L	99
5) Vinyl chloride	1.62	62	5232	5.650 ug/L	95
6) Bromomethane	1.88	94	2590	5.671 ug/L	94
8) Chloroethane	1.95	64	3132	5.734 ug/L #	78
9) Trichlorofluoromethane	2.16	101	7574	5.765 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4150	5.538 ug/L	95
12) 1,1-Dichloroethene	2.61	96	3788	5.207 ug/L #	67
13) Acetone	2.66	43	6491	13.527 ug/L	98
14) Carbon disulfide	2.82	76	12310	5.858 ug/L #	93
15) Methyl Acetate	2.98	43	6106	5.616 ug/L	91
16) Methylene chloride	3.08	84	4974	5.637 ug/L	93
17) trans-1,2-Dichloroethene	3.39	96	4755	6.070 ug/L	92
18) Methyl tert-butyl Ether	3.40	73	15657	5.702 ug/L #	95
19) 1,1-Dichloroethane	3.92	63	8879	5.785 ug/L	92
20) cis-1,2-Dichloroethene	4.71	96	5123	5.679 ug/L	94
22) 2-Butanone	4.75	43	9206	11.755 ug/L	93
23) Bromochloromethane	5.02	128	2423	5.596 ug/L #	86
25) Chloroform	5.13	83	9837	6.148 ug/L	96
27) 1,2-Dichloroethane	5.83	62	6975	5.648 ug/L	98
29) Cyclohexane	5.43	56	7549	5.755 ug/L #	84
30) 1,1,1-Trichloroethane	5.36	97	7697	5.801 ug/L	98
31) Carbon tetrachloride	5.56	117	6243	5.717 ug/L	99
33) Benzene	5.81	78	18851	5.748 ug/L	100
34) Trichloroethene	6.57	95	5082	5.926 ug/L	84
35) Methylcyclohexane	6.79	83	7723	5.829 ug/L	99
37) 1,2-Dichloropropane	6.83	63	5438	5.820 ug/L	98
38) Bromodichloromethane	7.14	83	7022	5.778 ug/L #	97
39) cis-1,3-Dichloropropene	7.64	75	8331	5.708 ug/L	92
40) 4-Methyl-2-pentanone	7.82	43	17012	11.219 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	20754	5.848	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	8110	5.643	ug/L	94
45) 1,1,2-Trichloroethane	8.42	97	4713	5.524	ug/L	92
46) Tetrachloroethene	8.58	164	3587	6.230	ug/L	88
48) 2-Hexanone	8.71	43	12713	10.781	ug/L	98
49) Dibromochloromethane	8.84	129	5675	5.964	ug/L	92
50) 1,2-Dibromoethane	8.95	107	5255	5.601	ug/L #	97
51) Chlorobenzene	9.47	112	13094	5.948	ug/L	94
52) Ethylbenzene	9.59	91	23389	5.828	ug/L	98
53) m,p-Xylene	9.72	106	9021	6.026	ug/L	93
54) o-xylene	10.12	106	8098	5.612	ug/L	88
55) Styrene	10.13	104	14697	5.753	ug/L	100
56) Isopropylbenzene	10.50	105	22158	5.664	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	8305	5.400	ug/L #	90
59) 1,2,3-Trichloropropane	10.84	75	6508	5.418	ug/L	100
61) Bromoform	10.31	173	3359	4.931	ug/L #	93
62) 1,3-Dichlorobenzene	11.76	146	9789	5.689	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	10101	5.816	ug/L	94
65) 1,2-Dichlorobenzene	12.23	146	9818	5.762	ug/L	93
66) 1,2-Dibromo-3-chloropropan	13.02	75	2240	5.481	ug/L	90
67) 1,3,5-Trichlorobenzene	13.25	180	6905	5.781	ug/L	98
68) 1,2,4-trichlorobenzene	13.88	180	6216	5.459	ug/L	94
69) Naphthalene	14.12	128	30737	6.372	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	6045	5.255	ug/L	95

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

