

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037562.D
 Acq On : 03 Apr 2020 10:55
 Operator : JC/MD
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10033

Quant Time: Apr 04 02:53:49 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	186730	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	177535	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86376	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143376	94.54	ug/L	0.00
7) Chloroethane-d5	1.93	69	111377	91.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	238135	93.42	ug/L	0.00
21) 2-Butanone-d5	4.67	46	220376	193.34	ug/L	0.00
24) Chloroform-d	5.10	84	244309	95.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	157250	92.69	ug/L	0.00
32) Benzene-d6	5.76	84	481222	93.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	162816	94.03	ug/L	0.00
41) Toluene-d8	7.92	98	450202	93.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	88029	93.63	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	171047	186.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	235915	95.30	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	160265	90.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	110782	91.769	ug/L 99
3) Chloromethane	1.54	50	119781	93.541	ug/L 99
5) Vinyl chloride	1.62	62	119919	94.309	ug/L 95
6) Bromomethane	1.86	94	59084	94.214	ug/L 96
8) Chloroethane	1.95	64	68653	91.545	ug/L 99
9) Trichlorofluoromethane	2.16	101	169624	94.026	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	94310	91.654	ug/L 97
12) 1,1-Dichloroethene	2.60	96	94951	95.060	ug/L 93
13) Acetone	2.66	43	115353	175.080	ug/L 99
14) Carbon disulfide	2.82	76	265906	92.160	ug/L 99
15) Methyl Acetate	2.98	43	139114	93.176	ug/L 99
16) Methylene chloride	3.08	84	111644	92.148	ug/L 98
17) trans-1,2-Dichloroethene	3.39	96	97744	90.875	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	354959	94.146	ug/L 99
19) 1,1-Dichloroethane	3.91	63	193859	91.993	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	114988	92.836	ug/L 95
22) 2-Butanone	4.75	43	201020	186.929	ug/L 99
23) Bromochloromethane	5.02	128	54995	92.506	ug/L 99
25) Chloroform	5.13	83	198485	90.338	ug/L 96
27) 1,2-Dichloroethane	5.83	62	159457	94.038	ug/L 99
29) Cyclohexane	5.42	56	174277	93.668	ug/L 99
30) 1,1,1-Trichloroethane	5.35	97	176011	93.528	ug/L 99
31) Carbon tetrachloride	5.56	117	144813	93.496	ug/L 99
33) Benzene	5.81	78	435225	93.561	ug/L 100
34) Trichloroethene	6.57	95	110937	91.205	ug/L 97
35) Methylcyclohexane	6.79	83	170838	90.902	ug/L 98
37) 1,2-Dichloropropane	6.82	63	120984	91.280	ug/L 98
38) Bromodichloromethane	7.13	83	161928	93.934	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	197835	95.565	ug/L 97
40) 4-Methyl-2-pentanone	7.82	43	403705	187.702	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	465366	92.446	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	191728	94.046	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	114369	94.511	ug/L	99
46) Tetrachloroethene	8.57	164	73479	89.970	ug/L	96
48) 2-Hexanone	8.71	43	318721	190.557	ug/L	99
49) Dibromochloromethane	8.83	129	125302	92.835	ug/L	100
50) 1,2-Dibromoethane	8.94	107	126232	94.851	ug/L	100
51) Chlorobenzene	9.47	112	290667	93.092	ug/L	98
52) Ethylbenzene	9.59	91	531490	93.362	ug/L	99
53) m,p-Xylene	9.71	106	195694	92.160	ug/L	100
54) o-xylene	10.12	106	192070	93.848	ug/L	95
55) Styrene	10.13	104	337851	93.229	ug/L	97
56) Isopropylbenzene	10.50	105	522012	94.073	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	207987	95.340	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	162131	95.155	ug/L	99
61) Bromoform	10.31	173	96554	97.784	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	229335	91.952	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	230765	91.675	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	228259	92.431	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	56794	95.879	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	160108	92.487	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	155068	93.963	ug/L	97
69) Naphthalene	14.11	128	608683	87.058	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	155683	93.381	ug/L	99

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

