

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103119\
 Data File : VU035563.D
 Acq On : 30 Oct 2019 15:39
 Operator : JC/SP
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01031

Quant Time: Oct 30 22:53:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 23:48:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	684743	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	666261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	250577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	52464	9.62	ug/L	0.00
7) Chloroethane-d5	1.93	69	42595	9.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	85600	9.58	ug/L	0.00
21) 2-Butanone-d5	4.70	46	65006	18.59	ug/L	0.00
24) Chloroform-d	5.12	84	84618	9.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	51762	9.30	ug/L	0.00
32) Benzene-d6	5.78	84	171096	9.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	54474	9.42	ug/L	0.00
41) Toluene-d8	7.93	98	159233	9.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	24906	9.23	ug/L	0.00
47) 2-Hexanone-d5	8.69	63	38963	18.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80698	9.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	55568	11.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	54530	9.451 ug/L	99
3) Chloromethane	1.54	50	59969	9.653 ug/L	100
5) Vinyl chloride	1.62	62	63859	9.551 ug/L	96
6) Bromomethane	1.88	94	34708	11.223 ug/L	96
8) Chloroethane	1.96	64	37679	9.601 ug/L	99
9) Trichlorofluoromethane	2.16	101	76681	9.927 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	45160	9.998 ug/L	100
12) 1,1-Dichloroethene	2.61	96	43737	10.173 ug/L	93
13) Acetone	2.67	43	58820	17.363 ug/L	98
14) Carbon disulfide	2.83	76	134640	9.788 ug/L	100
15) Methyl Acetate	3.00	43	55289	9.747 ug/L	100
16) Methylene chloride	3.09	84	54016	10.175 ug/L	98
17) trans-1,2-Dichloroethene	3.40	96	45339	9.965 ug/L	95
18) Methyl tert-butyl Ether	3.43	73	136188	9.613 ug/L	99
19) 1,1-Dichloroethane	3.93	63	88088	9.516 ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	52074	10.155 ug/L	94
22) 2-Butanone	4.78	43	77581	18.145 ug/L	98
23) Bromochloromethane	5.03	128	28148	10.691 ug/L	94
25) Chloroform	5.14	83	89193	9.703 ug/L	99
27) 1,2-Dichloroethane	5.84	62	65640	9.381 ug/L	99
29) Cyclohexane	5.44	56	67828	9.201 ug/L	99
30) 1,1,1-Trichloroethane	5.37	97	73621	10.119 ug/L	99
31) Carbon tetrachloride	5.57	117	65684	10.226 ug/L	97
33) Benzene	5.82	78	192668	9.782 ug/L	100
34) Trichloroethene	6.58	95	49866	10.230 ug/L	98
35) Methylcyclohexane	6.80	83	67867	9.887 ug/L	99
37) 1,2-Dichloropropane	6.83	63	52546	9.732 ug/L	# 96
38) Bromodichloromethane	7.15	83	66106	9.885 ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	72249	9.079 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	135032	18.545 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	201191	9.845	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	68579	9.459	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	50392	10.178	ug/L	97
46) Tetrachloroethene	8.59	164	42488	10.999	ug/L	95
48) 2-Hexanone	8.74	43	123375	21.087	ug/L	92
49) Dibromochloromethane	8.84	129	55810	10.398	ug/L	94
50) 1,2-Dibromoethane	8.96	107	53828	10.314	ug/L	97
51) Chlorobenzene	9.48	112	135130	10.165	ug/L	99
52) Ethylbenzene	9.60	91	207640	9.566	ug/L	99
53) m,p-Xylene	9.73	106	76605	9.510	ug/L	98
54) o-xylene	10.13	106	74511	9.435	ug/L	99
55) Styrene	10.15	104	118820	9.202	ug/L	98
56) Isopropylbenzene	10.51	105	182948	9.184	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.82	83	84737	9.720	ug/L	99
59) 1,2,3-Trichloropropane	10.86	75	67265	9.756	ug/L	98
61) Bromoform	10.32	173	42722	11.312	ug/L	100
62) 1,3-Dichlorobenzene	11.78	146	83652	10.546	ug/L	97
63) 1,4-Dichlorobenzene	11.87	146	85258	10.560	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	85248	10.548	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	13435	10.175	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	41344	9.912	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	25425	9.647	ug/L	99
69) Naphthalene	14.11	128	68228	9.544	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	30221	11.052	ug/L	96

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

