

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103119\
 Data File : VU035558.D
 Acq On : 30 Oct 2019 13:48
 Operator : JC/SP
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01031

Quant Time: Oct 30 22:51:29 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	675133	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	653299	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	240514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	56367	10.48	ug/L	0.00
7) Chloroethane-d5	1.93	69	45730	10.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	86430	9.81	ug/L	0.00
21) 2-Butanone-d5	4.70	46	59045	17.13	ug/L	0.00
24) Chloroform-d	5.12	84	86643	9.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	52888	9.64	ug/L	0.00
32) Benzene-d6	5.77	84	173140	9.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	57711	10.18	ug/L	0.00
41) Toluene-d8	7.93	98	157374	9.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	24255	9.16	ug/L	0.00
47) 2-Hexanone-d5	8.69	63	35759	17.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	76764	9.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	48470	10.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	54402	9.563 ug/L	100
3) Chloromethane	1.54	50	58425	9.539 ug/L	99
5) Vinyl chloride	1.62	62	61263	9.293 ug/L	90
6) Bromomethane	1.88	94	29302	9.610 ug/L	94
8) Chloroethane	1.95	64	35074	9.064 ug/L	98
9) Trichlorofluoromethane	2.16	101	76735	10.076 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42109	9.456 ug/L	100
12) 1,1-Dichloroethene	2.61	96	42334	9.986 ug/L	94
13) Acetone	2.67	43	58482	17.509 ug/L	98
14) Carbon disulfide	2.83	76	127261	9.383 ug/L	99
15) Methyl Acetate	3.00	43	48373	8.649 ug/L	99
16) Methylene chloride	3.09	84	50930	9.731 ug/L	99
17) trans-1,2-Dichloroethene	3.40	96	42189	9.405 ug/L	96
18) Methyl tert-butyl Ether	3.42	73	125773	9.004 ug/L	99
19) 1,1-Dichloroethane	3.92	63	86512	9.478 ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	46625	9.222 ug/L	98
22) 2-Butanone	4.78	43	69771	16.550 ug/L	100
23) Bromochloromethane	5.03	128	26035	10.029 ug/L	95
25) Chloroform	5.14	83	86900	9.588 ug/L	96
27) 1,2-Dichloroethane	5.84	62	62649	9.081 ug/L	98
29) Cyclohexane	5.44	56	61944	8.570 ug/L	100
30) 1,1,1-Trichloroethane	5.37	97	71438	10.014 ug/L	97
31) Carbon tetrachloride	5.57	117	63496	10.081 ug/L	98
33) Benzene	5.82	78	185290	9.594 ug/L	100
34) Trichloroethene	6.58	95	47245	9.885 ug/L	98
35) Methylcyclohexane	6.80	83	58374	8.673 ug/L	95
37) 1,2-Dichloropropane	6.84	63	50724	9.581 ug/L	99
38) Bromodichloromethane	7.15	83	63791	9.728 ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	71107	9.113 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	122418	17.146 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	189961	9.479	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	64708	9.102	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	48360	9.961	ug/L	98
46) Tetrachloroethene	8.58	164	38763	10.234	ug/L	99
48) 2-Hexanone	8.74	43	92747	16.167	ug/L #	90
49) Dibromochloromethane	8.85	129	54171	10.293	ug/L	98
50) 1,2-Dibromoethane	8.96	107	50598	9.888	ug/L	96
51) Chlorobenzene	9.48	112	127432	9.776	ug/L	100
52) Ethylbenzene	9.60	91	193351	9.084	ug/L	98
53) m,p-Xylene	9.73	106	67362	8.529	ug/L	95
54) o-xylene	10.13	106	70127	9.056	ug/L	92
55) Styrene	10.15	104	105087	8.300	ug/L	97
56) Isopropylbenzene	10.51	105	164603	8.427	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.81	83	79870	9.343	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	63180	9.345	ug/L	98
61) Bromoform	10.32	173	40182	11.085	ug/L	98
62) 1,3-Dichlorobenzene	11.78	146	74962	9.846	ug/L	98
63) 1,4-Dichlorobenzene	11.87	146	75502	9.743	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	74984	9.666	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	11454	9.038	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	31886	7.964	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	15985	6.319	ug/L	97
69) Naphthalene	14.11	128	37522	5.468	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	18019	6.866	ug/L	94

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

