

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035301.D
 Acq On : 19 Oct 2019 07:38
 Operator : JC/SP
 Sample : VSTD05036
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05036

Quant Time: Oct 21 04:49:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 04:45:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	654282	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	639111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	290683	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	282499	50.00	ug/L	0.00
7) Chloroethane-d5	1.93	69	238596	50.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	464909	50.00	ug/L	0.00
21) 2-Butanone-d5	4.70	46	369925	100.00	ug/L	0.00
24) Chloroform-d	5.11	84	465502	50.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	296057	50.00	ug/L	0.00
32) Benzene-d6	5.77	84	935782	50.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	295825	50.00	ug/L	0.00
41) Toluene-d8	7.93	98	886907	50.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	154928	50.00	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	256162	100.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	430244	50.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	315627	50.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	263748	50.000	ug/L	100
3) Chloromethane	1.54	50	266421	50.000	ug/L	100
5) Vinyl chloride	1.62	62	276186	50.000	ug/L	100
6) Bromomethane	1.87	94	161050	50.000	ug/L	100
8) Chloroethane	1.95	64	169919	50.000	ug/L	100
9) Trichlorofluoromethane	2.16	101	350217	50.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	207372	50.000	ug/L	100
12) 1,1-Dichloroethene	2.61	96	198163	50.000	ug/L	100
13) Acetone	2.67	43	336292	100.000	ug/L	100
14) Carbon disulfide	2.83	76	606526	50.000	ug/L	100
15) Methyl Acetate	3.00	43	241503	50.000	ug/L	100
16) Methylene chloride	3.09	84	234656	50.000	ug/L	100
17) trans-1,2-Dichloroethene	3.40	96	213099	50.000	ug/L	100
18) Methyl tert-butyl Ether	3.42	73	682965	50.000	ug/L	100
19) 1,1-Dichloroethane	3.92	63	409220	50.000	ug/L	100
20) cis-1,2-Dichloroethene	4.72	96	240907	50.000	ug/L	100
22) 2-Butanone	4.77	43	404960	100.000	ug/L	100
23) Bromochloromethane	5.02	128	121107	50.000	ug/L	100
25) Chloroform	5.14	83	418524	50.000	ug/L	100
27) 1,2-Dichloroethane	5.84	62	327740	50.000	ug/L	100
29) Cyclohexane	5.43	56	359252	50.000	ug/L	100
30) 1,1,1-Trichloroethane	5.37	97	350968	50.000	ug/L	100
31) Carbon tetrachloride	5.57	117	307392	50.000	ug/L	100
33) Benzene	5.82	78	913112	50.000	ug/L	100
34) Trichloroethene	6.58	95	233855	50.000	ug/L	100
35) Methylcyclohexane	6.80	83	359626	50.000	ug/L	100
37) 1,2-Dichloropropane	6.84	63	236569	50.000	ug/L	100
38) Bromodichloromethane	7.15	83	313742	50.000	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	382634	50.000	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	667230	100.000	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	987870	50.000	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	356689	50.000	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	229119	50.000	ug/L	100
46) Tetrachloroethene	8.58	164	187967	50.000	ug/L	100
48) 2-Hexanone	8.73	43	552927	100.000	ug/L	100
49) Dibromochloromethane	8.84	129	258738	50.000	ug/L	100
50) 1,2-Dibromoethane	8.96	107	254221	50.000	ug/L	100
51) Chlorobenzene	9.48	112	635867	50.000	ug/L	100
52) Ethylbenzene	9.60	91	1091689	50.000	ug/L	100
53) m,p-Xylene	9.73	106	400745	50.000	ug/L	100
54) o-xylene	10.13	106	406223	50.000	ug/L	100
55) Styrene	10.14	104	674720	50.000	ug/L	100
56) Isopropylbenzene	10.51	105	1041601	50.000	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	401766	50.000	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	313922	50.000	ug/L	100
61) Bromoform	10.32	173	200553	50.000	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	460913	50.000	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	452087	50.000	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	460115	50.000	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	72982	50.000	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	260827	50.000	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	165821	50.000	ug/L	100
69) Naphthalene	14.11	128	414135	50.000	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	175000	50.000	ug/L	100

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

