

Data File : VU036353.D
Acq On : 27 Dec 2019 13:31
Operator : JC/MD
Sample : VSTD10035
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD10035

Quant Time: Dec 27 13:52:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 27 13:46:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	552980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	528394	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	261777	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	415567	72.82	ug/L	0.00
7) Chloroethane-d5	1.92	69	347625	70.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	704381	90.01	ug/L	0.00
21) 2-Butanone-d5	4.68	46	632628	225.46	ug/L	0.00
24) Chloroform-d	5.11	84	737258	88.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	470573	88.12	ug/L	0.00
32) Benzene-d6	5.77	84	1438065	97.23	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	470785	101.09	ug/L	0.00
41) Toluene-d8	7.93	98	1374513	100.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	261352	115.70	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	503429	270.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	741830	101.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	526865	97.33	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	422601	76.454	ug/L	99
3) Chloromethane	1.54	50	398927	68.671	ug/L	98
5) Vinyl chloride	1.62	62	448417	73.027	ug/L	100
6) Bromomethane	1.86	94	239297	66.714	ug/L	98
8) Chloroethane	1.94	64	263986	72.843	ug/L	100
9) Trichlorofluoromethane	2.15	101	631371	79.992	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	308248	81.596	ug/L	97
12) 1,1-Dichloroethene	2.60	96	309477	86.251	ug/L	91
13) Acetone	2.66	43	591366	176.312	ug/L	99
14) Carbon disulfide	2.82	76	953720	84.540	ug/L	99
15) Methyl Acetate	2.99	43	445486	99.741	ug/L	100
16) Methylene chloride	3.08	84	379423	85.084	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	340551	90.103	ug/L	98
18) Methyl tert-butyl Ether	3.41	73	1224395	108.447	ug/L	100
19) 1,1-Dichloroethane	3.92	63	663968	90.871	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	406469	96.075	ug/L #	95
22) 2-Butanone	4.76	43	761235	214.736	ug/L	98
23) Bromochloromethane	5.02	128	201257	85.975	ug/L	98
25) Chloroform	5.13	83	704890	89.646	ug/L	97
27) 1,2-Dichloroethane	5.84	62	560840	92.061	ug/L	98
29) Cyclohexane	5.43	56	594825	116.231	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	621294	104.379	ug/L	99
31) Carbon tetrachloride	5.57	117	542714	102.121	ug/L	99
33) Benzene	5.82	78	1527534	101.584	ug/L	100
34) Trichloroethene	6.58	95	395516	103.230	ug/L	97
35) Methylcyclohexane	6.80	83	609658	109.861	ug/L	99
37) 1,2-Dichloropropane	6.83	63	400426	102.255	ug/L	99
38) Bromodichloromethane	7.14	83	573246	108.585	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	698040	118.387	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	1382366	273.307	ug/L	100

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42) Toluene	8.00	91	1686050	105.665	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	641290	116.464	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	397442	101.416	ug/L	98
46) Tetrachloroethene	8.58	164	277290	84.003	ug/L	96
48) 2-Hexanone	8.72	43	1113875	263.945	ug/L	99
49) Dibromochloromethane	8.84	129	477498	105.684	ug/L	95
50) 1,2-Dibromoethane	8.95	107	456313	107.821	ug/L	95
51) Chlorobenzene	9.47	112	1063412	99.162	ug/L	99
52) Ethylbenzene	9.60	91	1901020	112.843	ug/L	99
53) m,p-Xylene	9.72	106	708802	108.923	ug/L	98
54) o-xylene	10.13	106	703687	112.010	ug/L	98
55) Styrene	10.14	104	1225950	112.415	ug/L	98
56) Isopropylbenzene	10.51	105	1856611	114.112	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	725990	106.213	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	573793	102.810	ug/L	99
61) Bromoform	10.32	173	370762	105.805	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	816983	101.690	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	816686	98.941	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	816009	99.236	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	189558	130.552	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	559826	97.086	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	476366	112.630	ug/L	99
69) Naphthalene	14.10	128	1698666	150.432	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	475571	105.163	ug/L	99

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

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