

Data File : VU036352.D
Acq On : 27 Dec 2019 13:06
Operator : JC/MD
Sample : VSTD05034
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05034

Quant Time: Dec 27 13:45:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 25 02:22:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	544339	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	521696	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	252620	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	203672	36.26	ug/L	0.00
7) Chloroethane-d5	1.93	69	170664	35.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	342152	44.42	ug/L	0.00
21) 2-Butanone-d5	4.68	46	307391	111.29	ug/L	0.00
24) Chloroform-d	5.11	84	361010	44.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	234453	44.60	ug/L	0.00
32) Benzene-d6	5.77	84	704148	48.22	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	231341	50.31	ug/L	0.00
41) Toluene-d8	7.93	98	674371	49.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	125421	56.24	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	238460	129.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	354602	49.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	250168	47.89	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	207072	38.057	ug/L	99
3) Chloromethane	1.54	50	196989	34.448	ug/L	100
5) Vinyl chloride	1.62	62	215496	35.652	ug/L	99
6) Bromomethane	1.87	94	107042	30.316	ug/L	95
8) Chloroethane	1.95	64	131151	36.763	ug/L	98
9) Trichlorofluoromethane	2.16	101	305531	39.324	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	153833	41.367	ug/L	89
12) 1,1-Dichloroethene	2.61	96	150514	42.614	ug/L	94
13) Acetone	2.66	43	296843	89.907	ug/L	98
14) Carbon disulfide	2.82	76	462815	41.676	ug/L	98
15) Methyl Acetate	2.99	43	212217	48.268	ug/L	96
16) Methylene chloride	3.08	84	185335	42.220	ug/L	92
17) trans-1,2-Dichloroethene	3.39	96	166127	44.652	ug/L	99
18) Methyl tert-butyl Ether	3.41	73	587038	52.820	ug/L	98
19) 1,1-Dichloroethane	3.92	63	324652	45.137	ug/L	96
20) cis-1,2-Dichloroethene	4.72	96	195577	46.961	ug/L #	96
22) 2-Butanone	4.76	43	370749	106.244	ug/L	94
23) Bromochloromethane	5.02	128	95901	41.618	ug/L	88
25) Chloroform	5.13	83	342335	44.228	ug/L	98
27) 1,2-Dichloroethane	5.84	62	266003	44.357	ug/L	98
29) Cyclohexane	5.43	56	292809	57.950	ug/L	95
30) 1,1,1-Trichloroethane	5.36	97	306734	52.194	ug/L	100
31) Carbon tetrachloride	5.57	117	265747	50.647	ug/L	99
33) Benzene	5.82	78	734196	49.452	ug/L	100
34) Trichloroethene	6.58	95	190530	50.367	ug/L	95
35) Methylcyclohexane	6.80	83	301335	54.998	ug/L	98
37) 1,2-Dichloropropane	6.83	63	199000	51.470	ug/L	98
38) Bromodichloromethane	7.14	83	279155	53.557	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	321923	55.299	ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	658466	131.857	ug/L	96

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42) Toluene	8.00	91	798725	50.699	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	305459	56.186	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	188171	48.632	ug/L	97
46) Tetrachloroethene	8.58	164	135454	41.562	ug/L	92
48) 2-Hexanone	8.72	43	526706	126.411	ug/L	91
49) Dibromochloromethane	8.84	129	225826	50.624	ug/L	98
50) 1,2-Dibromoethane	8.96	107	214940	51.440	ug/L	98
51) Chlorobenzene	9.47	112	506295	47.818	ug/L	97
52) Ethylbenzene	9.60	91	909140	54.659	ug/L	98
53) m,p-Xylene	9.72	106	339311	52.812	ug/L	94
54) o-xylene	10.13	106	334581	53.941	ug/L	91
55) Styrene	10.14	104	575205	53.421	ug/L	94
56) Isopropylbenzene	10.51	105	881998	54.906	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	343030	50.830	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	271419	49.256	ug/L	99
61) Bromoform	10.32	173	171831	50.813	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	379811	48.989	ug/L	95
63) 1,4-Dichlorobenzene	11.86	146	378185	47.477	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	384103	48.405	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	86531	61.756	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	257769	46.323	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	197720	48.443	ug/L	97
69) Naphthalene	14.10	128	685711	62.927	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	207203	47.480	ug/L	97

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

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