

Data File : VU033630.D
Acq On : 08 Aug 2019 12:03
Operator : JC/SP
Sample : VSTD05033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05033

Quant Time: Aug 08 15:28:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 15:24:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	290151	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	288873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	157006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163934	76.46	ug/L	0.00
7) Chloroethane-d5	1.67	69	139838	60.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	268672	67.75	ug/L	0.00
21) 2-Butanone-d5	4.15	46	249110	146.41	ug/L	0.00
24) Chloroform-d	4.62	84	271323	69.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	177486	70.79	ug/L	0.00
32) Benzene-d6	5.32	84	562932	70.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	176225	69.91	ug/L	0.00
41) Toluene-d8	7.55	98	524896	71.18	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	88450	70.17	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	179631	144.76	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	266940	69.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	211990	67.67	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	130293	52.075	ug/L	100
3) Chloromethane	1.32	50	140231	51.715	ug/L	100
5) Vinyl chloride	1.40	62	154526	51.767	ug/L	100
6) Bromomethane	1.62	94	98086	43.647	ug/L	100
8) Chloroethane	1.69	64	94780	40.568	ug/L	100
9) Trichlorofluoromethane	1.87	101	205363	52.904	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	104743	52.921	ug/L	100
12) 1,1-Dichloroethene	2.27	96	99069	51.837	ug/L	100
13) Acetone	2.31	43	161079	104.484	ug/L	100
14) Carbon disulfide	2.46	76	298685	50.523	ug/L	100
15) Methyl Acetate	2.60	43	135421	54.377	ug/L	100
16) Methylene chloride	2.68	84	116447	52.068	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	104725	51.273	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	331519	52.369	ug/L	100
19) 1,1-Dichloroethane	3.42	63	204808	52.949	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	119334	52.846	ug/L	100
22) 2-Butanone	4.24	43	206828	107.986	ug/L	100
23) Bromochloromethane	4.52	128	61989	52.464	ug/L	100
25) Chloroform	4.65	83	216906	54.055	ug/L	100
27) 1,2-Dichloroethane	5.38	62	165319	52.979	ug/L	100
29) Cyclohexane	4.97	56	169445	51.373	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	179919	52.302	ug/L	100
31) Carbon tetrachloride	5.11	117	160941	53.198	ug/L	100
33) Benzene	5.37	78	459079	52.746	ug/L	100
34) Trichloroethene	6.17	95	116750	52.055	ug/L	100
35) Methylcyclohexane	6.40	83	184854	52.568	ug/L	100
37) 1,2-Dichloropropane	6.41	63	122566	51.510	ug/L	100
38) Bromodichloromethane	6.74	83	157483	52.442	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	193563	53.385	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	365026	106.851	ug/L	100

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42) Toluene	7.62	91	497755	53.531	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	176257	53.838	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	117355	52.548	ug/L	100
46) Tetrachloroethene	8.21	164	94565	51.572	ug/L	100
48) 2-Hexanone	8.34	43	300439	109.547	ug/L	100
49) Dibromochloromethane	8.46	129	132596	52.780	ug/L	100
50) 1,2-Dibromoethane	8.57	107	128592	52.535	ug/L	100
51) Chlorobenzene	9.10	112	314236	51.729	ug/L	100
52) Ethylbenzene	9.23	91	532400	52.816	ug/L	100
53) m,p-Xylene	9.36	106	205291	53.474	ug/L	100
54) o-xylene	9.76	106	199990	53.279	ug/L	100
55) Styrene	9.77	104	347115	54.209	ug/L	100
56) Isopropylbenzene	10.15	105	521572	53.753	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	207432	52.129	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	165023	52.742	ug/L	100
61) Bromoform	9.94	173	102443	51.755	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	255869	51.362	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	259820	51.028	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	262905	52.670	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	49072	52.423	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	195836	51.293	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	170059	52.261	ug/L	100
69) Naphthalene	13.73	128	518070	54.701	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	179994	51.915	ug/L	100

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

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