

Data File : VU033632.D
Acq On : 08 Aug 2019 12:49
Operator : JC/SP
Sample : VSTD20035
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20035

Quant Time: Aug 08 15:28:53 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	304590	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	181199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	678909	301.63	ug/L	0.00
7) Chloroethane-d5	1.66	69	567185	234.46	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.26	63	1100331	264.31	ug/L	0.00
21) 2-Butanone-d5	4.14	46	1080090	604.73	ug/L	0.00
24) Chloroform-d	4.62	84	1137679	276.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	722181	274.39	ug/L	0.00
32) Benzene-d6	5.32	84	2315277	273.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	740535	275.45	ug/L	0.00
41) Toluene-d8	7.55	98	2210341	281.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	387933	288.58	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	898480	678.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	1223809	297.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	998580	276.22	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	523781	199.420	ug/L	99
3) Chloromethane	1.32	50	562687	197.674	ug/L	100
5) Vinyl chloride	1.39	62	628686	200.630	ug/L	99
6) Bromomethane	1.60	94	507949	215.314	ug/L	99
8) Chloroethane	1.68	64	377903	154.085	ug/L	99
9) Trichlorofluoromethane	1.87	101	813776	199.700	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	416958	200.681	ug/L	99
12) 1,1-Dichloroethene	2.27	96	408454	203.590	ug/L	94
13) Acetone	2.31	43	572874	353.978	ug/L	99
14) Carbon disulfide	2.46	76	1214164	195.640	ug/L	99
15) Methyl Acetate	2.59	43	535711	204.914	ug/L	99
16) Methylene chloride	2.68	84	469276	199.884	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	432326	201.630	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	1422154	214.002	ug/L	99
19) 1,1-Dichloroethane	3.42	63	818146	201.488	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	500693	211.217	ug/L	96
22) 2-Butanone	4.23	43	845571	420.547	ug/L	100
23) Bromochloromethane	4.52	128	251899	203.089	ug/L	97
25) Chloroform	4.65	83	844764	200.543	ug/L	97
27) 1,2-Dichloroethane	5.38	62	664918	202.982	ug/L	99
29) Cyclohexane	4.97	56	736339	209.332	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	718689	195.899	ug/L	99
31) Carbon tetrachloride	5.11	117	649254	201.231	ug/L	100
33) Benzene	5.37	78	1847789	199.067	ug/L	100
34) Trichloroethene	6.16	95	480067	200.704	ug/L	99
35) Methylcyclohexane	6.40	83	788656	210.295	ug/L	98
37) 1,2-Dichloropropane	6.41	63	497423	196.018	ug/L	100
38) Bromodichloromethane	6.74	83	649632	202.844	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	816093	211.049	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	1597556	438.490	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	2048174	206.541	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	755933	216.510	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	474714	199.314	ug/L	99
46) Tetrachloroethene	8.21	164	396743	202.880	ug/L	98
48) 2-Hexanone	8.35	43	1316849	450.223	ug/L	98
49) Dibromochloromethane	8.46	129	560806	209.314	ug/L	97
50) 1,2-Dibromoethane	8.57	107	530711	203.304	ug/L	98
51) Chlorobenzene	9.10	112	1323670	204.318	ug/L	99
52) Ethylbenzene	9.23	91	2313102	215.166	ug/L	100
53) m,p-Xylene	9.36	106	880308	215.009	ug/L	98
54) o-xylene	9.76	106	889873	222.293	ug/L	99
55) Styrene	9.77	104	1550457	227.044	ug/L	100
56) Isopropylbenzene	10.15	105	2333207	225.472	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	924274	217.797	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	713805	213.916	ug/L	100
61) Bromoform	9.94	173	463384	202.848	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	1169996	203.502	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	1186665	201.940	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	1201933	208.645	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	227254	210.359	ug/L	95
67) 1,3,5-Trichlorobenzene	12.87	180	940272	213.394	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	854711	227.592	ug/L	99
69) Naphthalene	13.73	128	2692257	246.311	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	860054	214.940	ug/L	99

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

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