

Data File : VU026822.D
Acq On : 17 Sep 2018 14:00
Operator : MD/SY
Sample : VSTD10052
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD10052

Quant Time: Sep 18 00:59:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 00:50:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	268243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	260683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	142554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	200949	101.27	ug/L	0.00
7) Chloroethane-d5	1.67	69	172992	101.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	379340	101.03	ug/L	0.00
21) 2-Butanone-d5	4.18	46	280724	213.19	ug/L	0.00
24) Chloroform-d	4.65	84	375455	102.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	231690	99.96	ug/L	0.00
32) Benzene-d6	5.34	84	769971	105.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	243648	103.51	ug/L	0.00
41) Toluene-d8	7.57	98	724951	109.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	113888	108.36	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	223301	241.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	339678	103.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	298891	100.79	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	248790	98.138	ug/L	100
3) Chloromethane	1.33	50	255035	98.625	ug/L	100
5) Vinyl chloride	1.40	62	251437	99.912	ug/L	99
6) Bromomethane	1.62	94	127370	102.473	ug/L	99
8) Chloroethane	1.69	64	155667	98.709	ug/L	99
9) Trichlorofluoromethane	1.88	101	309288	98.917	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	181714	98.108	ug/L	99
12) 1,1-Dichloroethene	2.28	96	172034	98.898	ug/L	96
13) Acetone	2.32	43	237752	183.695	ug/L	100
14) Carbon disulfide	2.48	76	588924	98.107	ug/L	100
15) Methyl Acetate	2.61	43	221014	98.558	ug/L	99
16) Methylene chloride	2.70	84	213722	96.650	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	192690	100.577	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	589484	105.218	ug/L	100
19) 1,1-Dichloroethane	3.45	63	366534	99.192	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	220755	104.767	ug/L	98
22) 2-Butanone	4.26	43	329502	206.443	ug/L	99
23) Bromochloromethane	4.55	128	112894	99.230	ug/L	99
25) Chloroform	4.67	83	370950	99.113	ug/L	97
27) 1,2-Dichloroethane	5.40	62	291040	99.650	ug/L	98
29) Cyclohexane	5.00	56	339941	112.312	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	309560	99.817	ug/L	100
31) Carbon tetrachloride	5.13	117	278431	100.186	ug/L	99
33) Benzene	5.39	78	831370	102.865	ug/L	100
34) Trichloroethene	6.19	95	197418	101.793	ug/L	99
35) Methylcyclohexane	6.42	83	355339	112.398	ug/L	99
37) 1,2-Dichloropropane	6.43	63	225887	101.743	ug/L	99
38) Bromodichloromethane	6.76	83	277834	100.910	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	343184	109.427	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	581607	220.470	ug/L	99

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42) Toluene	7.64	91	882471	107.896	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	318108	108.329	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	203674	100.623	ug/L	99
46) Tetrachloroethene	8.23	164	176469	102.642	ug/L	100
48) 2-Hexanone	8.36	43	466132	219.054	ug/L	100
49) Dibromochloromethane	8.48	129	235602	102.827	ug/L	97
50) 1,2-Dibromoethane	8.59	107	215578	102.159	ug/L	97
51) Chlorobenzene	9.12	112	566591	102.094	ug/L	99
52) Ethylbenzene	9.25	91	962167	112.306	ug/L	99
53) m,p-Xylene	9.38	106	372959	113.240	ug/L	100
54) o-xylene	9.78	106	365863	114.010	ug/L	97
55) Styrene	9.79	104	638903	115.317	ug/L	99
56) Isopropylbenzene	10.17	105	948342	115.691	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	342665	100.650	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	265790	99.944	ug/L	99
61) Bromoform	9.96	173	178221	95.071	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	444519	102.289	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	471267	98.484	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	478102	99.359	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	70236	96.214	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	351401	104.494	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	312580	107.864	ug/L	100
69) Naphthalene	13.74	128	1013234	118.682	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	343018	107.488	ug/L	99

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

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