

Data File : VU026823.D
Acq On : 17 Sep 2018 14:23
Operator : MD/SY
Sample : VSTD20053
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20053

Quant Time: Sep 18 01:00:10 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	271813	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	271391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154742	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	412366	205.09	ug/L	0.00
7) Chloroethane-d5	1.66	69	337559	196.14	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	769879	202.35	ug/L	0.00
21) 2-Butanone-d5	4.18	46	577894	433.10	ug/L	0.00
24) Chloroform-d	4.65	84	753254	201.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	460734	196.18	ug/L	0.00
32) Benzene-d6	5.34	84	1561307	205.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	494562	201.81	ug/L	0.00
41) Toluene-d8	7.57	98	1461258	212.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	240634	219.93	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	488814	507.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	707152	206.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	640857	199.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	500966	195.016	ug/L	99
3) Chloromethane	1.33	50	508798	194.173	ug/L	99
5) Vinyl chloride	1.40	62	517490	202.932	ug/L	99
6) Bromomethane	1.60	94	262911	208.741	ug/L	100
8) Chloroethane	1.68	64	302169	189.089	ug/L	98
9) Trichlorofluoromethane	1.88	101	623896	196.914	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	365495	194.740	ug/L	99
12) 1,1-Dichloroethene	2.28	96	352911	200.214	ug/L	95
13) Acetone	2.32	43	445581	339.748	ug/L	99
14) Carbon disulfide	2.47	76	1205153	198.126	ug/L	99
15) Methyl Acetate	2.61	43	443879	195.342	ug/L	99
16) Methylene chloride	2.70	84	434360	193.847	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	393606	202.749	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	1225860	215.932	ug/L	100
19) 1,1-Dichloroethane	3.44	63	741954	198.152	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	452143	211.762	ug/L	99
22) 2-Butanone	4.26	43	661579	409.054	ug/L	99
23) Bromochloromethane	4.55	128	226296	196.295	ug/L	99
25) Chloroform	4.67	83	739786	195.065	ug/L	98
27) 1,2-Dichloroethane	5.40	62	576860	194.919	ug/L	100
29) Cyclohexane	5.00	56	708111	224.720	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	628293	194.598	ug/L	99
31) Carbon tetrachloride	5.13	117	564408	195.074	ug/L	100
33) Benzene	5.39	78	1676510	199.249	ug/L	100
34) Trichloroethene	6.19	95	407471	201.810	ug/L	99
35) Methylcyclohexane	6.42	83	731970	222.396	ug/L	100
37) 1,2-Dichloropropane	6.43	63	453448	196.181	ug/L	100
38) Bromodichloromethane	6.76	83	564723	197.015	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	730047	223.596	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1223217	445.389	ug/L	98

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42) Toluene	7.64	91	1776965	208.690	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	673563	220.327	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	415028	196.950	ug/L	99
46) Tetrachloroethene	8.23	164	362629	202.598	ug/L	99
48) 2-Hexanone	8.37	43	959548	433.137	ug/L	99
49) Dibromochloromethane	8.48	129	487681	204.446	ug/L	99
50) 1,2-Dibromoethane	8.59	107	446494	203.239	ug/L	96
51) Chlorobenzene	9.12	112	1179936	204.224	ug/L	99
52) Ethylbenzene	9.25	91	2001857	224.441	ug/L	100
53) m,p-Xylene	9.38	106	779095	227.219	ug/L	99
54) o-xylene	9.78	106	774471	231.818	ug/L	97
55) Styrene	9.79	104	1346280	233.406	ug/L	99
56) Isopropylbenzene	10.17	105	2002402	234.641	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	719002	202.858	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	556917	201.152	ug/L	100
61) Bromoform	9.96	173	386242	189.811	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	988211	209.489	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	1017637	195.913	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	1018271	194.950	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	150555	189.997	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	783865	214.735	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	719567	228.749	ug/L	100
69) Naphthalene	13.74	128	2236924	241.379	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	742705	214.402	ug/L	99

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

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