

Data File : VU025619.D
Acq On : 24 Jul 2018 10:10
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05066

Quant Time: Jul 25 02:21:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 24 02:07:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311553	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	161316	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94554	53.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.32%
7) Chloroethane-d5	1.68	69	76777	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.66%
11) 1,1-Dichloroethene-d2	2.27	63	190152	51.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.70%
21) 2-Butanone-d5	4.18	46	150964	109.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.94%
24) Chloroform-d	4.65	84	208331	52.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.16%
26) 1,2-Dichloroethane-d4	5.31	65	134045	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
32) Benzene-d6	5.35	84	390898	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
36) 1,2-Dichloropropane-d6	6.34	67	123303	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.57	98	378555	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%
43) trans-1,3-Dichloropropene-	7.85	79	65806	52.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.54%
47) 2-Hexanone-d5	8.31	63	108848	106.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.47%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178279	52.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	164020	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	134643	43.862 ug/L	100
3) Chloromethane	1.33	50	108458	48.924 ug/L	100
5) Vinyl chloride	1.41	62	106262	43.703 ug/L	100
6) Bromomethane	1.63	94	49116	58.086 ug/L	92
8) Chloroethane	1.70	64	62126	43.392 ug/L	99
9) Trichlorofluoromethane	1.89	101	154220	44.540 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91648	47.266 ug/L	99
12) 1,1-Dichloroethene	2.28	96	81142	46.149 ug/L	89
13) Acetone	2.32	43	143394	88.970 ug/L	98
14) Carbon disulfide	2.48	76	248015	43.320 ug/L	100
15) Methyl Acetate	2.62	43	104014	46.686 ug/L	99
16) Methylene chloride	2.70	84	97287	44.418 ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	92179	45.534 ug/L	97
18) Methyl tert-butyl Ether	3.00	73	302807	45.929 ug/L	99
19) 1,1-Dichloroethane	3.45	63	174034	45.194 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	102211	44.730 ug/L	91
22) 2-Butanone	4.26	43	162177	90.387 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	54907	45.524	ug/L	98
25) Chloroform	4.68	83	184160	45.447	ug/L	98
27) 1,2-Dichloroethane	5.41	62	152505	46.142	ug/L	99
29) Cyclohexane	5.00	56	151957	44.394	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	166145	44.940	ug/L	100
31) Carbon tetrachloride	5.14	117	152387	44.577	ug/L	99
33) Benzene	5.39	78	383572	45.184	ug/L	100
34) Trichloroethene	6.19	95	104129	46.230	ug/L	99
35) Methylcyclohexane	6.42	83	169047	46.546	ug/L	98
37) 1,2-Dichloropropane	6.44	63	104352	44.983	ug/L	100
38) Bromodichloromethane	6.76	83	140760	46.022	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	170027	47.229	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	291763	95.774	ug/L	100
42) Toluene	7.64	91	420614	45.945	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	162481	47.868	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	98307	44.180	ug/L	97
46) Tetrachloroethene	8.23	164	93024	47.639	ug/L	96
48) 2-Hexanone	8.36	43	238812	92.773	ug/L	99
49) Dibromochloromethane	8.48	129	121355	46.493	ug/L	98
50) 1,2-Dibromoethane	8.59	107	109590	45.715	ug/L	99
51) Chlorobenzene	9.12	112	284217	46.115	ug/L	98
52) Ethylbenzene	9.25	91	475522	47.061	ug/L	100
53) m,p-Xylene	9.38	106	182660	47.195	ug/L	98
54) o-xylene	9.78	106	180828	46.045	ug/L	99
55) Styrene	9.80	104	311903	48.764	ug/L	99
56) Isopropylbenzene	10.17	105	482299	47.588	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	164021	45.699	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	122320	44.892	ug/L	99
61) Bromoform	9.96	173	91796	43.993	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	238769	46.792	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	244779	46.994	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	239782	44.854	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	38158	45.386	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	194890	49.480	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	167658	50.647	ug/L	99
69) Naphthalene	13.75	128	478841	48.101	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	169846	48.536	ug/L	99

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

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