

Data File : VU025383.D
Acq On : 13 Jul 2018 10:38
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05001

Quant Time: Jul 13 14:39:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 06 23:15:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309010	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85209	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.26%
7) Chloroethane-d5	1.68	69	73302	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.22%
11) 1,1-Dichloroethene-d2	2.28	63	185946	46.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.30%
21) 2-Butanone-d5	4.18	46	164312	106.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.42%
24) Chloroform-d	4.65	84	209175	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.74%
26) 1,2-Dichloroethane-d4	5.31	65	141999	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
32) Benzene-d6	5.35	84	389075	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
36) 1,2-Dichloropropane-d6	6.33	67	126030	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.57	98	381466	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%
43) trans-1,3-Dichloropropene-	7.85	79	59166	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.31	63	120739	108.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.11%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179822	51.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	162882	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	140823	50.157 ug/L	100
3) Chloromethane	1.33	50	109036	47.078 ug/L	99
5) Vinyl chloride	1.40	62	115357	48.135 ug/L	100
6) Bromomethane	1.63	94	68336	53.109 ug/L	95
8) Chloroethane	1.70	64	72548	50.224 ug/L	97
9) Trichlorofluoromethane	1.89	101	178350	50.961 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	104940	50.516 ug/L	99
12) 1,1-Dichloroethene	2.28	96	90409	47.699 ug/L	96
13) Acetone	2.32	43	195084	122.928 ug/L	100
14) Carbon disulfide	2.48	76	265167	46.332 ug/L	100
15) Methyl Acetate	2.62	43	128124	52.765 ug/L	100
16) Methylene chloride	2.70	84	113548	51.052 ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	104054	50.705 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	359009	50.276 ug/L	100
19) 1,1-Dichloroethane	3.45	63	198462	50.809 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	120782	50.961 ug/L	98
22) 2-Butanone	4.26	43	219797	117.075 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	61896	50.799	ug/L	97
25) Chloroform	4.68	83	210902	50.570	ug/L	95
27) 1,2-Dichloroethane	5.41	62	180694	51.697	ug/L	98
29) Cyclohexane	5.00	56	184199	50.888	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	191156	51.113	ug/L	99
31) Carbon tetrachloride	5.14	117	166994	51.090	ug/L	100
33) Benzene	5.39	78	437868	51.563	ug/L	100
34) Trichloroethene	6.19	95	119036	52.695	ug/L	100
35) Methylcyclohexane	6.42	83	198834	52.746	ug/L	98
37) 1,2-Dichloropropane	6.44	63	118287	52.161	ug/L	100
38) Bromodichloromethane	6.76	83	153000	50.760	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	183248	51.023	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	335879	102.806	ug/L	100
42) Toluene	7.64	91	475432	51.515	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	170687	51.087	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	112187	51.843	ug/L	98
46) Tetrachloroethene	8.23	164	102577	53.644	ug/L	98
48) 2-Hexanone	8.36	43	290856	111.905	ug/L	99
49) Dibromochloromethane	8.48	129	132427	52.150	ug/L	99
50) 1,2-Dibromoethane	8.59	107	125297	52.347	ug/L	97
51) Chlorobenzene	9.12	112	315972	51.370	ug/L	98
52) Ethylbenzene	9.25	91	546015	52.602	ug/L	99
53) m,p-Xylene	9.38	106	211213	52.582	ug/L	99
54) o-xylene	9.78	106	205972	51.122	ug/L	98
55) Styrene	9.80	104	346117	52.412	ug/L	99
56) Isopropylbenzene	10.17	105	561297	53.039	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	185918	51.486	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	153293	52.140	ug/L	98
61) Bromoform	9.96	173	94164	48.753	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	254751	51.685	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	254395	51.310	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	267221	51.362	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	42299	49.133	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	195506	53.428	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	162442	53.099	ug/L	100
69) Naphthalene	13.74	128	510958	50.231	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	173547	52.819	ug/L	98

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

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