

Data File : VU025465.D
Acq On : 17 Jul 2018 19:00
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05047

Quant Time: Jul 18 05:57:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 18 05:54:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	355284	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	170324	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77790	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.68	69	68122	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.46%
11) 1,1-Dichloroethene-d2	2.27	63	177520	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.50%
21) 2-Butanone-d5	4.18	46	174859	98.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.65	84	214538	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.31	65	142615	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
32) Benzene-d6	5.35	84	386452	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.34	67	130091	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.00%
41) Toluene-d8	7.57	98	376530	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%
43) trans-1,3-Dichloropropene-	7.85	79	67761	49.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.06%
47) 2-Hexanone-d5	8.31	63	130587	95.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.84%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192431	49.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	168406	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	142300	48.683	ug/L	99
3) Chloromethane	1.33	50	127716	49.375	ug/L	99
5) Vinyl chloride	1.41	62	126292	48.559	ug/L	99
6) Bromomethane	1.63	94	75737	53.430	ug/L	98
8) Chloroethane	1.70	64	78299	50.307	ug/L	98
9) Trichlorofluoromethane	1.89	101	186255	48.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	108332	52.185	ug/L	99
12) 1,1-Dichloroethene	2.28	96	96388	50.054	ug/L	92
13) Acetone	2.32	43	147353	94.647	ug/L	99
14) Carbon disulfide	2.48	76	292368	46.985	ug/L	100
15) Methyl Acetate	2.62	43	137422	47.762	ug/L	99
16) Methylene chloride	2.71	84	124786	49.551	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	112639	49.452	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	397020	49.193	ug/L	99
19) 1,1-Dichloroethane	3.45	63	223331	49.014	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	133805	47.980	ug/L	97
22) 2-Butanone	4.27	43	208071	97.096	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	68992	49.358	ug/L	94
25) Chloroform	4.68	83	234239	48.923	ug/L	95
27) 1,2-Dichloroethane	5.41	62	193333	48.624	ug/L	99
29) Cyclohexane	5.00	56	191075	50.527	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	212128	48.540	ug/L	99
31) Carbon tetrachloride	5.14	117	190140	49.526	ug/L	99
33) Benzene	5.39	78	477938	49.194	ug/L	100
34) Trichloroethene	6.19	95	128463	49.950	ug/L	98
35) Methylcyclohexane	6.42	83	199609	51.120	ug/L	99
37) 1,2-Dichloropropane	6.44	63	134279	50.103	ug/L	100
38) Bromodichloromethane	6.76	83	177151	48.955	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	207092	49.872	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	376800	96.939	ug/L	99
42) Toluene	7.64	91	524856	50.666	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	200685	50.343	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	126878	49.932	ug/L	97
46) Tetrachloroethene	8.23	164	107127	49.932	ug/L	98
48) 2-Hexanone	8.36	43	297212	95.705	ug/L	99
49) Dibromochloromethane	8.48	129	152916	49.712	ug/L	99
50) 1,2-Dibromoethane	8.59	107	139820	49.852	ug/L	99
51) Chlorobenzene	9.12	112	350161	50.377	ug/L	100
52) Ethylbenzene	9.25	91	584084	50.510	ug/L	99
53) m,p-Xylene	9.38	106	226429	51.087	ug/L	99
54) o-xylene	9.78	106	224598	50.231	ug/L	98
55) Styrene	9.80	104	380430	51.514	ug/L	99
56) Isopropylbenzene	10.17	105	595194	51.401	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	211982	48.455	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	170708	47.898	ug/L	100
61) Bromoform	9.96	173	112954	47.013	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	276256	48.937	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	280828	49.227	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	291342	48.876	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	50661	45.416	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	214728	49.487	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	192239	49.685	ug/L	99
69) Naphthalene	13.74	128	639746	47.787	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	205460	49.237	ug/L	100

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

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