

Data File : VU026826.D
Acq On : 17 Sep 2018 17:16
Operator : MD/SY
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV50

Quant Time: Sep 18 01:35:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	266874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	258266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	133747	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94574	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.82%
7) Chloroethane-d5	1.68	69	81106	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	180049	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
21) 2-Butanone-d5	4.17	46	133431	101.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.85%
24) Chloroform-d	4.65	84	179715	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.31	65	113442	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
32) Benzene-d6	5.34	84	366926	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.33	67	115271	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.57	98	338672	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%
43) trans-1,3-Dichloropropene-	7.85	79	52369	50.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.60%
47) 2-Hexanone-d5	8.31	63	99409	108.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160374	49.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	136026	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122645	48.627	ug/L	100
3) Chloromethane	1.33	50	120399	46.798	ug/L	99
5) Vinyl chloride	1.40	62	121475	48.518	ug/L	98
6) Bromomethane	1.62	94	62437	50.490	ug/L	96
8) Chloroethane	1.69	64	76132	48.523	ug/L	100
9) Trichlorofluoromethane	1.88	101	151724	48.773	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	90679	49.209	ug/L	98
12) 1,1-Dichloroethene	2.28	96	83987	48.529	ug/L	98
13) Acetone	2.32	43	108305	84.109	ug/L	100
14) Carbon disulfide	2.48	76	289497	48.474	ug/L	99
15) Methyl Acetate	2.61	43	109107	48.904	ug/L	99
16) Methylene chloride	2.70	84	105326	47.875	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	93775	49.198	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	285050	51.140	ug/L	100
19) 1,1-Dichloroethane	3.45	63	181104	49.262	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	104254	49.731	ug/L	100
22) 2-Butanone	4.26	43	155353	97.832	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	55530	49.060	ug/L	99
25) Chloroform	4.67	83	179663	48.250	ug/L	98
27) 1,2-Dichloroethane	5.40	62	142523	49.049	ug/L	99
29) Cyclohexane	5.00	56	160160	53.410	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	150508	48.985	ug/L	100
31) Carbon tetrachloride	5.14	117	135525	49.222	ug/L	100
33) Benzene	5.39	78	406040	50.709	ug/L	100
34) Trichloroethene	6.19	95	96188	50.061	ug/L	99
35) Methylcyclohexane	6.42	83	166181	53.057	ug/L	98
37) 1,2-Dichloropropane	6.43	63	110288	50.140	ug/L	100
38) Bromodichloromethane	6.76	83	134105	49.163	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	158098	50.882	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	272436	104.239	ug/L	100
42) Toluene	7.64	91	421614	52.031	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	148731	51.123	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	99755	49.744	ug/L	98
46) Tetrachloroethene	8.23	164	85034	49.922	ug/L	99
48) 2-Hexanone	8.36	43	220076	104.390	ug/L	99
49) Dibromochloromethane	8.48	129	110594	48.720	ug/L	98
50) 1,2-Dibromoethane	8.59	107	103352	49.435	ug/L	99
51) Chlorobenzene	9.12	112	272396	49.542	ug/L	99
52) Ethylbenzene	9.25	91	449371	52.942	ug/L	99
53) m,p-Xylene	9.38	106	176577	54.115	ug/L	99
54) o-xylene	9.78	106	172103	54.132	ug/L	97
55) Styrene	9.79	104	298677	54.413	ug/L	99
56) Isopropylbenzene	10.17	105	438271	53.966	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	163870	48.584	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	127636	48.443	ug/L	100
61) Bromoform	9.96	173	82490	46.901	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	204401	50.132	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	218518	48.672	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	224589	49.748	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	32494	47.444	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	161589	51.215	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	139500	51.308	ug/L	99
69) Naphthalene	13.75	128	442088	55.193	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	157544	52.619	ug/L	99

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

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