

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028815.D
 Acq On : 20 Dec 2018 11:22
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV60

Quant Time: Dec 21 03:52:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:50:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	212539	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202197	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86015	50.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.96%
7) Chloroethane-d5	1.67	69	66480	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.02%
11) 1,1-Dichloroethene-d2	2.27	63	143890	50.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.44%
21) 2-Butanone-d5	4.17	46	123138	103.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.15%
24) Chloroform-d	4.65	84	135481	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
26) 1,2-Dichloroethane-d4	5.31	65	81938	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
32) Benzene-d6	5.34	84	293217	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
36) 1,2-Dichloropropane-d6	6.33	67	100369	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.44%
41) Toluene-d8	7.56	98	267502	51.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.36%
43) trans-1,3-Dichloropropene-	7.85	79	45927	52.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.64%
47) 2-Hexanone-d5	8.31	63	98361	106.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136033	50.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	98755	51.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.56%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	90082	51.978 ug/L	98
3) Chloromethane	1.33	50	120060	50.946 ug/L	97
5) Vinyl chloride	1.40	62	110296	52.979 ug/L	99
6) Bromomethane	1.61	94	45526	51.337 ug/L	97
8) Chloroethane	1.69	64	62604	52.682 ug/L	99
9) Trichlorofluoromethane	1.88	101	111808	52.518 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	72084	52.332 ug/L	100
12) 1,1-Dichloroethene	2.28	96	69713	51.156 ug/L	85
13) Acetone	2.32	43	122593	100.768 ug/L	99
14) Carbon disulfide	2.48	76	250191	52.574 ug/L	100
15) Methyl Acetate	2.61	43	96370	50.809 ug/L	99
16) Methylene chloride	2.70	84	84598	50.339 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	77356	52.395 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	238156	52.458 ug/L	99
19) 1,1-Dichloroethane	3.45	63	146516	51.051 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	86490	51.714 ug/L	98
22) 2-Butanone	4.26	43	156222	105.450 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	40700	51.048	ug/L	97
25) Chloroform	4.67	83	140935	51.593	ug/L	99
27) 1,2-Dichloroethane	5.40	62	106693	52.555	ug/L	99
29) Cyclohexane	4.99	56	143417	53.292	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	112027	52.347	ug/L	99
31) Carbon tetrachloride	5.13	117	92139	53.389	ug/L	99
33) Benzene	5.39	78	336482	52.272	ug/L	100
34) Trichloroethene	6.18	95	81267	52.292	ug/L	99
35) Methylcyclohexane	6.41	83	140602	54.320	ug/L	99
37) 1,2-Dichloropropane	6.43	63	94312	52.412	ug/L	100
38) Bromodichloromethane	6.76	83	106028	53.209	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	137438	53.574	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	257268	106.370	ug/L	100
42) Toluene	7.64	91	347754	53.293	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	124790	54.570	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	81079	52.699	ug/L	99
46) Tetrachloroethene	8.22	164	63393	52.964	ug/L	98
48) 2-Hexanone	8.36	43	214720	108.166	ug/L	99
49) Dibromochloromethane	8.48	129	81444	53.145	ug/L	97
50) 1,2-Dibromoethane	8.58	107	85041	53.126	ug/L	100
51) Chlorobenzene	9.12	112	219655	53.411	ug/L	100
52) Ethylbenzene	9.25	91	377438	53.831	ug/L	99
53) m,p-Xylene	9.37	106	142497	54.959	ug/L	97
54) o-xylene	9.78	106	140195	53.949	ug/L	98
55) Styrene	9.79	104	240631	54.675	ug/L	100
56) Isopropylbenzene	10.16	105	356251	54.041	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	144798	51.806	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	110080	51.263	ug/L	100
61) Bromoform	9.95	173	61925	52.464	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	163135	53.935	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	162385	52.109	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	167250	53.007	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	28659	52.657	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	122244	54.815	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	108305	57.995	ug/L	99
69) Naphthalene	13.74	128	378076	58.311	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	114208	56.715	ug/L	100

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

