

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032462.D
 Acq On : 05 Jun 2019 15:29
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV59

Quant Time: Jun 06 04:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 06 03:49:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	206758	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	195907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	68730	51.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.48%
7) Chloroethane-d5	1.67	69	55932	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.78%
11) 1,1-Dichloroethene-d2	2.27	63	132723	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.06%
21) 2-Butanone-d5	4.17	46	123711	110.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.20%
24) Chloroform-d	4.64	84	130608	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
26) 1,2-Dichloroethane-d4	5.30	65	80296	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
32) Benzene-d6	5.33	84	261325	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
36) 1,2-Dichloropropane-d6	6.32	67	81193	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.82%
41) Toluene-d8	7.56	98	248018	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
43) trans-1,3-Dichloropropene-	7.85	79	40978	53.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.38%
47) 2-Hexanone-d5	8.31	63	86187	111.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121303	52.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.98%
64) 1,2-Dichlorobenzene-d4	11.85	152	105806	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	94620	50.763	ug/L 99
3) Chloromethane	1.32	50	92799	51.523	ug/L 99
5) Vinyl chloride	1.40	62	91397	50.799	ug/L 99
6) Bromomethane	1.62	94	56096	52.319	ug/L 99
8) Chloroethane	1.69	64	53205	49.750	ug/L 100
9) Trichlorofluoromethane	1.88	101	121346	49.947	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	64948	51.402	ug/L 98
12) 1,1-Dichloroethene	2.28	96	63558	51.806	ug/L 92
13) Acetone	2.31	43	118262	102.100	ug/L 100
14) Carbon disulfide	2.47	76	194858	52.273	ug/L 99
15) Methyl Acetate	2.61	43	85187	51.511	ug/L 97
16) Methylene chloride	2.69	84	71283	50.920	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	67323	50.639	ug/L 98
18) Methyl tert-butyl Ether	2.99	73	219804	50.325	ug/L 100
19) 1,1-Dichloroethane	3.44	63	123753	51.061	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	76699	50.977	ug/L 98
22) 2-Butanone	4.25	43	147570	107.796	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	39822	50.903	ug/L	97
25) Chloroform	4.67	83	125501	50.180	ug/L	97
27) 1,2-Dichloroethane	5.40	62	99840	50.497	ug/L	99
29) Cyclohexane	4.99	56	116457	49.977	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	110594	49.868	ug/L	98
31) Carbon tetrachloride	5.13	117	102310	50.334	ug/L	100
33) Benzene	5.38	78	277999	50.505	ug/L	100
34) Trichloroethene	6.18	95	74996	50.080	ug/L	97
35) Methylcyclohexane	6.41	83	120509	49.708	ug/L	100
37) 1,2-Dichloropropane	6.43	63	72596	49.753	ug/L	99
38) Bromodichloromethane	6.75	83	95171	50.655	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	120319	52.263	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	247777	105.554	ug/L	100
42) Toluene	7.63	91	304019	50.433	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	108500	53.098	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	68975	49.988	ug/L	98
46) Tetrachloroethene	8.22	164	62234	50.317	ug/L	99
48) 2-Hexanone	8.36	43	210656	109.259	ug/L	99
49) Dibromochloromethane	8.47	129	83226	51.893	ug/L	99
50) 1,2-Dibromoethane	8.58	107	79069	50.910	ug/L	99
51) Chlorobenzene	9.11	112	199528	51.375	ug/L	98
52) Ethylbenzene	9.24	91	344493	51.269	ug/L	100
53) m,p-Xylene	9.37	106	130847	51.211	ug/L	100
54) o-xylene	9.77	106	130728	51.531	ug/L	99
55) Styrene	9.79	104	220178	51.988	ug/L	98
56) Isopropylbenzene	10.16	105	342438	51.191	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	122109	51.779	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	97195	51.241	ug/L	100
61) Bromoform	9.95	173	64868	51.546	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	167231	52.368	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	165158	50.588	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	165978	51.409	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	30083	55.381	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	132534	53.344	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	124007	58.916	ug/L	99
69) Naphthalene	13.74	128	411945	62.048	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	125637	57.354	ug/L	99

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

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