

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032463.D
 Acq On : 05 Jun 2019 15:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Jun 06 04:02:43 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	209490	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	198265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66060	48.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.20%
7) Chloroethane-d5	1.67	69	54611	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.27	63	129477	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.30%
21) 2-Butanone-d5	4.17	46	118636	104.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.30%
24) Chloroform-d	4.64	84	126922	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
26) 1,2-Dichloroethane-d4	5.30	65	78342	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
32) Benzene-d6	5.33	84	253457	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
36) 1,2-Dichloropropane-d6	6.32	67	79323	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.30%
41) Toluene-d8	7.56	98	239590	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%
43) trans-1,3-Dichloropropene-	7.85	79	40714	52.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.42%
47) 2-Hexanone-d5	8.31	63	82916	105.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118336	50.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	102682	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	95264	50.442	ug/L 100
3) Chloromethane	1.32	50	91669	50.232	ug/L 99
5) Vinyl chloride	1.40	62	91055	49.949	ug/L 98
6) Bromomethane	1.62	94	56157	51.693	ug/L 99
8) Chloroethane	1.69	64	52473	48.426	ug/L 98
9) Trichlorofluoromethane	1.88	101	122153	49.624	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	63875	49.894	ug/L 99
12) 1,1-Dichloroethene	2.28	96	63347	50.961	ug/L 91
13) Acetone	2.31	43	117832	100.402	ug/L 99
14) Carbon disulfide	2.47	76	194320	51.449	ug/L 98
15) Methyl Acetate	2.61	43	84429	50.387	ug/L 96
16) Methylene chloride	2.69	84	71631	50.502	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	67080	49.799	ug/L 98
18) Methyl tert-butyl Ether	2.99	73	220101	49.736	ug/L 100
19) 1,1-Dichloroethane	3.44	63	125350	51.046	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	77419	50.784	ug/L 97
22) 2-Butanone	4.25	43	144158	103.930	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	39354	49.648	ug/L	97
25) Chloroform	4.67	83	127037	50.132	ug/L	98
27) 1,2-Dichloroethane	5.40	62	99747	49.792	ug/L	99
29) Cyclohexane	4.99	56	117010	49.617	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	113369	50.511	ug/L	99
31) Carbon tetrachloride	5.13	117	102737	49.943	ug/L	100
33) Benzene	5.38	78	278204	49.942	ug/L	100
34) Trichloroethene	6.18	95	73980	48.814	ug/L	100
35) Methylcyclohexane	6.41	83	120424	49.082	ug/L	100
37) 1,2-Dichloropropane	6.42	63	75341	51.020	ug/L	100
38) Bromodichloromethane	6.75	83	95023	49.975	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	117477	50.422	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	246537	103.776	ug/L	100
42) Toluene	7.63	91	306723	50.276	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	106916	51.700	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	70003	50.130	ug/L	98
46) Tetrachloroethene	8.22	164	62647	50.049	ug/L	98
48) 2-Hexanone	8.36	43	206940	106.055	ug/L	99
49) Dibromochloromethane	8.47	129	82762	50.990	ug/L	97
50) 1,2-Dibromoethane	8.58	107	79189	50.381	ug/L	100
51) Chlorobenzene	9.11	112	200031	50.892	ug/L	100
52) Ethylbenzene	9.24	91	343883	50.569	ug/L	99
53) m,p-Xylene	9.37	106	132667	51.306	ug/L	99
54) o-xylene	9.77	106	130889	50.981	ug/L	99
55) Styrene	9.79	104	224335	52.340	ug/L	99
56) Isopropylbenzene	10.16	105	343860	50.792	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	124001	51.956	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	97462	50.770	ug/L	98
61) Bromoform	9.95	173	64800	51.429	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	165314	51.704	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	167591	51.271	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	166013	51.357	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	30164	55.463	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	132245	53.163	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	120744	57.295	ug/L	100
69) Naphthalene	13.74	128	393153	59.145	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	123666	56.385	ug/L	99

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

