

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033862.D
 Acq On : 21 Aug 2019 10:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 05:38:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 19 16:05:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	365629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	383542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	206369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141387	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.96%
7) Chloroethane-d5	1.67	69	129176	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.26	63	265699	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.66%
21) 2-Butanone-d5	4.15	46	173828	100.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.76%
24) Chloroform-d	4.62	84	265973	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.28	65	162731	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
32) Benzene-d6	5.32	84	488652	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
36) 1,2-Dichloropropane-d6	6.31	67	162924	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.55	98	465723	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.83	79	73724	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
47) 2-Hexanone-d5	8.29	63	120236	93.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	247406	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.84	152	192098	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	202986	56.624	ug/L 99
3) Chloromethane	1.32	50	183059	49.652	ug/L 100
5) Vinyl chloride	1.39	62	224541	54.677	ug/L 99
6) Bromomethane	1.61	94	105458	33.965	ug/L 99
8) Chloroethane	1.69	64	141776	49.835	ug/L 96
9) Trichlorofluoromethane	1.87	101	306114	56.207	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	153645	58.933	ug/L 100
12) 1,1-Dichloroethene	2.27	96	141103	55.840	ug/L 95
13) Acetone	2.30	43	213333	125.825	ug/L 97
14) Carbon disulfide	2.46	76	426832	53.566	ug/L 100
15) Methyl Acetate	2.60	43	149794	53.574	ug/L 100
16) Methylene chloride	2.68	84	161776	55.247	ug/L 97
17) trans-1,2-Dichloroethene	2.96	96	141760	53.815	ug/L 97
18) Methyl tert-butyl Ether	2.98	73	404784	52.656	ug/L 99
19) 1,1-Dichloroethane	3.42	63	281646	55.562	ug/L 97
20) cis-1,2-Dichloroethene	4.20	96	156132	54.792	ug/L 100
22) 2-Butanone	4.23	43	228410	117.062	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	86950	55.965	ug/L	99
25) Chloroform	4.65	83	290062	55.061	ug/L	100
27) 1,2-Dichloroethane	5.38	62	223564	55.976	ug/L	99
29) Cyclohexane	4.97	56	218370	53.141	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	244673	52.990	ug/L	99
31) Carbon tetrachloride	5.11	117	221668	52.756	ug/L	99
33) Benzene	5.37	78	624845	53.932	ug/L	100
34) Trichloroethene	6.16	95	156312	50.552	ug/L	98
35) Methylcyclohexane	6.40	83	249868	55.183	ug/L	99
37) 1,2-Dichloropropane	6.41	63	169072	53.291	ug/L	100
38) Bromodichloromethane	6.74	83	217191	52.874	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	242868	52.524	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	397733	106.793	ug/L	99
42) Toluene	7.62	91	684652	55.899	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	226176	53.225	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	156756	52.641	ug/L	99
46) Tetrachloroethene	8.21	164	133465	53.839	ug/L	99
48) 2-Hexanone	8.34	43	332993	114.026	ug/L	99
49) Dibromochloromethane	8.46	129	179208	53.297	ug/L	99
50) 1,2-Dibromoethane	8.57	107	168508	53.146	ug/L	100
51) Chlorobenzene	9.10	112	429100	53.042	ug/L	99
52) Ethylbenzene	9.23	91	707993	54.558	ug/L	100
53) m,p-Xylene	9.36	106	277547	57.138	ug/L	100
54) o-xylene	9.76	106	268116	56.964	ug/L	100
55) Styrene	9.77	104	475796	58.998	ug/L	100
56) Isopropylbenzene	10.15	105	688042	55.909	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	266764	55.348	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	208137	54.162	ug/L	98
61) Bromoform	9.94	173	135331	52.654	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	341062	52.666	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	354907	52.939	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	347036	53.459	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	55318	51.250	ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	255490	51.146	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	199684	48.819	ug/L	98
69) Naphthalene	13.73	128	583260	51.665	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	222631	52.443	ug/L	98

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

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