

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080719\
 Data File : VU033626.D
 Acq On : 07 Aug 2019 18:49
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05052

Quant Time: Aug 08 03:18:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 03:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	302230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303699	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	163536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	75618	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.30%
7) Chloroethane-d5	1.67	69	72665	33.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.50%#
11) 1,1-Dichloroethene-d2	2.26	63	164577	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
21) 2-Butanone-d5	4.15	46	161474	103.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.20%
24) Chloroform-d	4.62	84	172583	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	5.29	65	111049	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.32	84	324858	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
36) 1,2-Dichloropropane-d6	6.31	67	110291	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.80%
41) Toluene-d8	7.55	98	300074	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.83	79	53731	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.30	63	113312	97.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.47%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	181987	50.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	134695	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	137468	53.190	ug/L 99
3) Chloromethane	1.32	50	145599	51.981	ug/L 99
5) Vinyl chloride	1.40	62	155737	50.817	ug/L 98
6) Bromomethane	1.62	94	114378	46.722	ug/L 100
8) Chloroethane	1.69	64	96831	40.179	ug/L 99
9) Trichlorofluoromethane	1.87	101	210314	52.620	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	106976	52.698	ug/L 99
12) 1,1-Dichloroethene	2.27	96	100782	51.056	ug/L 96
13) Acetone	2.31	43	142091	91.170	ug/L 98
14) Carbon disulfide	2.46	76	307111	50.191	ug/L 100
15) Methyl Acetate	2.60	43	135392	53.204	ug/L 99
16) Methylene chloride	2.68	84	123244	53.515	ug/L 98
17) trans-1,2-Dichloroethene	2.97	96	106160	50.410	ug/L 98
18) Methyl tert-butyl Ether	2.98	73	337607	51.766	ug/L 99
19) 1,1-Dichloroethane	3.42	63	208082	52.494	ug/L 97
20) cis-1,2-Dichloroethene	4.20	96	120838	52.021	ug/L 98
22) 2-Butanone	4.24	43	198843	101.575	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	64315	52.948	ug/L	98
25) Chloroform	4.65	83	221737	54.138	ug/L	100
27) 1,2-Dichloroethane	5.38	62	172617	53.944	ug/L	99
29) Cyclohexane	4.97	56	171689	49.638	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	182924	51.490	ug/L	100
31) Carbon tetrachloride	5.11	117	162387	52.073	ug/L	99
33) Benzene	5.37	78	470219	52.011	ug/L	100
34) Trichloroethene	6.16	95	117944	50.650	ug/L	99
35) Methylcyclohexane	6.40	83	183293	50.001	ug/L	97
37) 1,2-Dichloropropane	6.41	63	129392	52.403	ug/L	99
38) Bromodichloromethane	6.74	83	162728	52.286	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	186623	49.701	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	367234	103.930	ug/L	100
42) Toluene	7.62	91	509161	52.714	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	175192	51.851	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	119464	51.709	ug/L	97
46) Tetrachloroethene	8.21	164	98156	51.377	ug/L	98
48) 2-Hexanone	8.34	43	295596	104.755	ug/L	99
49) Dibromochloromethane	8.46	129	136656	52.631	ug/L	99
50) 1,2-Dibromoethane	8.57	107	132957	52.544	ug/L	99
51) Chlorobenzene	9.10	112	323566	51.303	ug/L	100
52) Ethylbenzene	9.23	91	548064	52.335	ug/L	99
53) m,p-Xylene	9.36	106	210586	52.804	ug/L	100
54) o-xylene	9.76	106	206520	52.867	ug/L	97
55) Styrene	9.77	104	361749	54.536	ug/L	99
56) Isopropylbenzene	10.15	105	533297	52.918	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	211670	51.238	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	169024	52.265	ug/L	100
61) Bromoform	9.94	173	102171	50.181	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	261541	50.975	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	264336	50.430	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	264853	51.757	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	49575	51.406	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	197576	50.016	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	169491	50.298	ug/L	99
69) Naphthalene	13.73	128	521402	53.242	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	184571	51.490	ug/L	98

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

