

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026484.D
 Acq On : 31 Aug 2018 06:06
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05056

Quant Time: Aug 31 06:39:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156290	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38849	40.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.24%
7) Chloroethane-d5	1.68	69	38255	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.48%
11) 1,1-Dichloroethene-d2	2.27	63	87093	39.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.88%
21) 2-Butanone-d5	4.18	46	70604	93.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.94%
24) Chloroform-d	4.65	84	85546	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
26) 1,2-Dichloroethane-d4	5.31	65	56999	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
32) Benzene-d6	5.34	84	169285	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.33	67	57245	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.24%
41) Toluene-d8	7.57	98	163036	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloropropene-	7.85	79	25031	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.31	63	55540	101.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84528	48.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	68212	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	61512	50.48	ug/L	99
3) Chloromethane	1.33	50	73520	48.86	ug/L	99
5) Vinyl chloride	1.40	62	79581	48.78	ug/L	99
6) Bromomethane	1.62	94	45680	47.23	ug/L	98
8) Chloroethane	1.70	64	50243	51.30	ug/L	99
9) Trichlorofluoromethane	1.89	101	103366	49.83	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	53963	46.62	ug/L	97
12) 1,1-Dichloroethene	2.28	96	50424	45.20	ug/L	85
13) Acetone	2.32	43	56936	87.49	ug/L	100
14) Carbon disulfide	2.48	76	155646	49.30	ug/L	100
15) Methyl Acetate	2.62	43	62380	48.82	ug/L	97
16) Methylene chloride	2.70	84	59267	51.67	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	52195	51.73	ug/L	94
18) Methyl tert-butyl Ether	3.00	73	161757	52.81	ug/L	99
19) 1,1-Dichloroethane	3.45	63	101871	51.38	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	59383	52.53	ug/L	99
22) 2-Butanone	4.26	43	87118	99.59	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	30816	52.91	ug/L	91
25) Chloroform	4.68	83	106439	52.57	ug/L	97
27) 1,2-Dichloroethane	5.41	62	84972	52.03	ug/L	98
29) Cyclohexane	5.00	56	88510	54.07	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	86871	52.55	ug/L	99
31) Carbon tetrachloride	5.14	117	78921	52.54	ug/L	98
33) Benzene	5.39	78	228329	53.01	ug/L	100
34) Trichloroethene	6.19	95	55553	51.42	ug/L	98
35) Methylcyclohexane	6.42	83	90160	53.45	ug/L	99
37) 1,2-Dichloropropane	6.44	63	63732	53.45	ug/L	99
38) Bromodichloromethane	6.76	83	78071	51.34	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	84154	49.53	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	165804	103.11	ug/L	99
42) Toluene	7.64	91	239783	53.35	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	79077	48.83	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	56778	51.98	ug/L	99
46) Tetrachloroethene	8.23	164	50456	57.12	ug/L	99
48) 2-Hexanone	8.36	43	130893	103.35	ug/L	99
49) Dibromochloromethane	8.48	129	65079	52.88	ug/L	98
50) 1,2-Dibromoethane	8.59	107	61696	53.04	ug/L	98
51) Chlorobenzene	9.12	112	154902	51.54	ug/L	98
52) Ethylbenzene	9.25	91	256637	52.50	ug/L	100
53) m,p-Xylene	9.38	106	97878	53.63	ug/L	100
54) o-xylene	9.78	106	98549	55.37	ug/L	96
55) Styrene	9.79	104	168600	54.23	ug/L	96
56) Isopropylbenzene	10.17	105	253126	54.33	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	98382	51.13	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	74692	50.20	ug/L	97
61) Bromoform	9.96	173	50319	53.97	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	115632	52.31	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	119970	51.31	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	124461	53.38	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	20250	51.65	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	94011	52.70	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	81011	52.00	ug/L	99
69) Naphthalene	13.74	128	267295	54.95	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	91467	53.46	ug/L	99

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

