

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091118\
 Data File : VU026674.D
 Acq On : 11 Sep 2018 09:34
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05057

Quant Time: Sep 12 00:46:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 12 00:46:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	195962	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186894	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62778	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.98%
7) Chloroethane-d5	1.68	69	53141	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.27	63	119948	45.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.80%
21) 2-Butanone-d5	4.17	46	93743	103.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.65	84	116452	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.31	65	75521	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
32) Benzene-d6	5.34	84	232145	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.33	67	78278	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	7.57	98	220316	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	7.85	79	36633	48.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.08%
47) 2-Hexanone-d5	8.31	63	69531	104.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109487	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	90292	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	64891	52.61	ug/L	100
3) Chloromethane	1.33	50	82356	50.79	ug/L	99
5) Vinyl chloride	1.40	62	88361	52.74	ug/L	98
6) Bromomethane	1.62	94	46522	47.65	ug/L	97
8) Chloroethane	1.70	64	53961	51.93	ug/L	99
9) Trichlorofluoromethane	1.88	101	112512	53.25	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	65059	54.07	ug/L	99
12) 1,1-Dichloroethene	2.28	96	59089	51.14	ug/L	99
13) Acetone	2.32	43	92450	89.32	ug/L	100
14) Carbon disulfide	2.48	76	189465	50.49	ug/L	100
15) Methyl Acetate	2.61	43	79517	53.85	ug/L	98
16) Methylene chloride	2.70	84	71417	52.37	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	63853	52.15	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	202185	53.59	ug/L	99
19) 1,1-Dichloroethane	3.45	63	125635	52.91	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	72637	52.67	ug/L	99
22) 2-Butanone	4.26	43	120576	101.75	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	38068	53.97	ug/L	98
25) Chloroform	4.67	83	128831	53.98	ug/L	99
27) 1,2-Dichloroethane	5.40	62	99874	52.70	ug/L	99
29) Cyclohexane	5.00	56	112043	54.73	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	105880	53.48	ug/L	100
31) Carbon tetrachloride	5.14	117	95350	53.28	ug/L	99
33) Benzene	5.39	78	279837	53.47	ug/L	100
34) Trichloroethene	6.19	95	68689	52.80	ug/L	99
35) Methylcyclohexane	6.42	83	117297	56.33	ug/L	100
37) 1,2-Dichloropropane	6.43	63	79762	54.55	ug/L	100
38) Bromodichloromethane	6.76	83	95894	53.52	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	116446	53.82	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	208666	111.88	ug/L	99
42) Toluene	7.64	91	293137	54.04	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	107537	53.43	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	70434	54.31	ug/L	98
46) Tetrachloroethene	8.23	164	57867	52.93	ug/L	98
48) 2-Hexanone	8.36	43	167574	106.42	ug/L	98
49) Dibromochloromethane	8.48	129	79452	53.00	ug/L	97
50) 1,2-Dibromoethane	8.59	107	75086	54.12	ug/L	99
51) Chlorobenzene	9.12	112	189938	53.33	ug/L	99
52) Ethylbenzene	9.25	91	321791	54.85	ug/L	98
53) m,p-Xylene	9.38	106	122432	55.35	ug/L	99
54) o-xylene	9.78	106	121852	55.50	ug/L	98
55) Styrene	9.79	104	207791	55.95	ug/L	100
56) Isopropylbenzene	10.17	105	314528	56.24	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	120206	53.50	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	91956	53.16	ug/L	100
61) Bromoform	9.96	173	61943	53.26	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	144444	53.28	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	147268	51.28	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	152906	53.37	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	24020	51.89	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	114868	53.42	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	97878	52.37	ug/L	99
69) Naphthalene	13.74	128	314148	54.85	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	108186	53.44	ug/L	99

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

