

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026584.D
 Acq On : 06 Sep 2018 17:09
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Sep 07 04:46:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 04:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	172871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162722	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64820	60.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.04%
7) Chloroethane-d5	1.67	69	54081	55.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.82%
11) 1,1-Dichloroethene-d2	2.27	63	119340	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
21) 2-Butanone-d5	4.18	46	93225	112.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.14%
24) Chloroform-d	4.65	84	110501	54.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.24%
26) 1,2-Dichloroethane-d4	5.31	65	70749	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
32) Benzene-d6	5.34	84	218880	58.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.72%
36) 1,2-Dichloropropane-d6	6.33	67	72770	56.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.96%
41) Toluene-d8	7.57	98	206377	57.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.00%
43) trans-1,3-Dichloropropene-	7.85	79	33046	56.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.34%
47) 2-Hexanone-d5	8.31	63	69534	117.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104171	54.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	83122	55.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.26%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	66962	49.68	ug/L	98
3) Chloromethane	1.33	50	83349	50.08	ug/L	99
5) Vinyl chloride	1.40	62	87394	48.44	ug/L	99
6) Bromomethane	1.62	94	48554	45.39	ug/L	100
8) Chloroethane	1.69	64	52675	48.62	ug/L	99
9) Trichlorofluoromethane	1.88	101	111256	48.49	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	62089	48.50	ug/L	98
12) 1,1-Dichloroethene	2.28	96	56717	45.96	ug/L	88
13) Acetone	2.32	43	68399	95.02	ug/L	98
14) Carbon disulfide	2.48	76	172605	49.43	ug/L	100
15) Methyl Acetate	2.62	43	75150	53.17	ug/L	99
16) Methylene chloride	2.70	84	66900	52.73	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	58205	52.15	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	190313	56.17	ug/L	99
19) 1,1-Dichloroethane	3.45	63	116634	53.18	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	68416	54.72	ug/L	98
22) 2-Butanone	4.26	43	105664	109.21	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	34628	53.76	ug/L	93
25) Chloroform	4.67	83	118154	52.75	ug/L	99
27) 1,2-Dichloroethane	5.41	62	94563	52.35	ug/L	99
29) Cyclohexane	5.00	56	100949	56.94	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	98416	54.96	ug/L	98
31) Carbon tetrachloride	5.14	117	88301	54.27	ug/L	99
33) Benzene	5.39	78	258171	55.34	ug/L	100
34) Trichloroethene	6.19	95	63639	54.39	ug/L	99
35) Methylcyclohexane	6.42	83	104170	57.01	ug/L	98
37) 1,2-Dichloropropane	6.43	63	73542	56.94	ug/L	100
38) Bromodichloromethane	6.76	83	90865	55.17	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	103876	56.45	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	200887	115.34	ug/L	99
42) Toluene	7.64	91	271914	55.86	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	96818	55.20	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	65920	55.72	ug/L	98
46) Tetrachloroethene	8.23	164	52646	55.03	ug/L	98
48) 2-Hexanone	8.36	43	157169	114.58	ug/L	98
49) Dibromochloromethane	8.48	129	74047	55.55	ug/L	97
50) 1,2-Dibromoethane	8.59	107	69823	55.42	ug/L	96
51) Chlorobenzene	9.12	112	175421	53.89	ug/L	98
52) Ethylbenzene	9.25	91	295187	55.76	ug/L	99
53) m,p-Xylene	9.38	106	113130	57.23	ug/L	99
54) o-xylene	9.78	106	112466	58.34	ug/L	96
55) Styrene	9.79	104	192197	57.07	ug/L	97
56) Isopropylbenzene	10.17	105	287220	56.92	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	115009	55.19	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	88550	54.95	ug/L	99
61) Bromoform	9.96	173	56950	56.03	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	133915	55.57	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	136842	53.69	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	141755	55.77	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	24317	56.89	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	105800	54.40	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	93280	54.91	ug/L	99
69) Naphthalene	13.75	128	310765	58.59	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	103174	55.31	ug/L	99

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

