

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026608.D
 Acq On : 07 Sep 2018 03:24
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05042

Quant Time: Sep 07 05:31:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	170482	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79181	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64309	60.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.76%
7) Chloroethane-d5	1.68	69	54423	57.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.10%
11) 1,1-Dichloroethene-d2	2.27	63	118267	49.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.44%
21) 2-Butanone-d5	4.18	46	93687	114.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.28%
24) Chloroform-d	4.65	84	108756	54.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.02%
26) 1,2-Dichloroethane-d4	5.31	65	70281	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
32) Benzene-d6	5.34	84	215691	57.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.84%
36) 1,2-Dichloropropane-d6	6.33	67	72068	56.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.68%
41) Toluene-d8	7.57	98	202120	56.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.46%
43) trans-1,3-Dichloropropene-	7.85	79	30565	52.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.64%
47) 2-Hexanone-d5	8.31	63	69559	118.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103034	54.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	80129	55.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	65062	48.94	ug/L	98
3) Chloromethane	1.33	50	80367	48.96	ug/L	100
5) Vinyl chloride	1.40	62	86020	48.34	ug/L	100
6) Bromomethane	1.62	94	41193	39.05	ug/L	100
8) Chloroethane	1.70	64	52317	48.97	ug/L	98
9) Trichlorofluoromethane	1.88	101	107759	47.62	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58983	46.72	ug/L	97
12) 1,1-Dichloroethene	2.28	96	56417	46.36	ug/L	92
13) Acetone	2.32	43	69133	97.39	ug/L	100
14) Carbon disulfide	2.48	76	166931	48.47	ug/L	99
15) Methyl Acetate	2.62	43	76188	54.66	ug/L	98
16) Methylene chloride	2.70	84	67714	54.12	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	56569	51.39	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	186517	55.82	ug/L	99
19) 1,1-Dichloroethane	3.45	63	116816	54.01	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	67204	54.50	ug/L	98
22) 2-Butanone	4.26	43	106192	111.29	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	33983	53.49	ug/L	97
25) Chloroform	4.67	83	118533	53.67	ug/L	98
27) 1,2-Dichloroethane	5.41	62	93248	52.35	ug/L	99
29) Cyclohexane	5.00	56	98961	56.22	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	97241	54.69	ug/L	98
31) Carbon tetrachloride	5.14	117	88547	54.81	ug/L	99
33) Benzene	5.39	78	258694	55.85	ug/L	100
34) Trichloroethene	6.19	95	62440	53.74	ug/L	99
35) Methylcyclohexane	6.42	83	98825	54.47	ug/L	99
37) 1,2-Dichloropropane	6.43	63	74462	58.07	ug/L	100
38) Bromodichloromethane	6.76	83	89169	54.53	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	96488	52.81	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	203650	117.76	ug/L	100
42) Toluene	7.64	91	268060	55.46	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	90221	51.81	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	64823	55.18	ug/L	99
46) Tetrachloroethene	8.23	164	51243	53.95	ug/L	95
48) 2-Hexanone	8.36	43	162007	118.95	ug/L	100
49) Dibromochloromethane	8.48	129	72804	55.00	ug/L	99
50) 1,2-Dibromoethane	8.59	107	68367	54.65	ug/L	95
51) Chlorobenzene	9.12	112	172106	53.25	ug/L	99
52) Ethylbenzene	9.25	91	288048	54.80	ug/L	100
53) m,p-Xylene	9.38	106	108893	55.48	ug/L	98
54) o-xylene	9.78	106	109167	57.03	ug/L	96
55) Styrene	9.79	104	187576	56.10	ug/L	98
56) Isopropylbenzene	10.17	105	278350	55.55	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	114932	55.54	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	89016	55.63	ug/L	99
61) Bromoform	9.96	173	55744	57.04	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	125103	53.99	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	132495	54.06	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	137207	56.14	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	23914	58.19	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	97535	52.16	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	85977	52.64	ug/L	100
69) Naphthalene	13.74	128	297688	58.38	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	98745	55.06	ug/L	100

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

