

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\
 Data File : VU026632.D
 Acq On : 07 Sep 2018 20:43
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05044

Quant Time: Sep 08 02:18:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 01:21:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161013	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50454	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.16%
7) Chloroethane-d5	1.68	69	44586	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.98%
11) 1,1-Dichloroethene-d2	2.27	63	100104	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
21) 2-Butanone-d5	4.18	46	86430	111.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.63%
24) Chloroform-d	4.65	84	100002	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.14%
26) 1,2-Dichloroethane-d4	5.31	65	63311	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
32) Benzene-d6	5.34	84	189904	53.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.92%
36) 1,2-Dichloropropane-d6	6.33	67	65442	53.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.26%
41) Toluene-d8	7.57	98	175459	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%
43) trans-1,3-Dichloropropene-	7.85	79	29048	52.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.26%
47) 2-Hexanone-d5	8.31	63	63662	113.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97023	53.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	72599	52.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.18%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	63665	50.71	ug/L	99
3) Chloromethane	1.33	50	77183	49.79	ug/L	99
5) Vinyl chloride	1.40	62	82710	49.22	ug/L	100
6) Bromomethane	1.62	94	42588	42.75	ug/L	99
8) Chloroethane	1.70	64	50373	49.92	ug/L	99
9) Trichlorofluoromethane	1.88	101	104925	49.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	57808	48.48	ug/L	98
12) 1,1-Dichloroethene	2.28	96	53599	46.64	ug/L	89
13) Acetone	2.32	43	63969	95.41	ug/L	96
14) Carbon disulfide	2.48	76	160000	49.19	ug/L	99
15) Methyl Acetate	2.62	43	74460	56.56	ug/L	100
16) Methylene chloride	2.70	84	64653	54.72	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	55513	53.40	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	181875	57.63	ug/L	99
19) 1,1-Dichloroethane	3.45	63	114376	55.99	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	64933	55.76	ug/L	97
22) 2-Butanone	4.26	43	100221	111.21	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	33276	55.46	ug/L	97
25) Chloroform	4.67	83	114656	54.96	ug/L	99
27) 1,2-Dichloroethane	5.41	62	91653	54.48	ug/L	98
29) Cyclohexane	5.00	56	94878	56.50	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	94064	55.46	ug/L	99
31) Carbon tetrachloride	5.13	117	84714	54.97	ug/L	100
33) Benzene	5.39	78	250388	56.67	ug/L	100
34) Trichloroethene	6.19	95	60260	54.37	ug/L	99
35) Methylcyclohexane	6.42	83	95926	55.43	ug/L	100
37) 1,2-Dichloropropane	6.44	63	72074	58.92	ug/L	100
38) Bromodichloromethane	6.76	83	86396	55.39	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	98351	56.43	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	193314	117.19	ug/L	99
42) Toluene	7.64	91	261459	56.71	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	93032	56.00	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	64215	57.31	ug/L	99
46) Tetrachloroethene	8.23	164	49707	54.86	ug/L	98
48) 2-Hexanone	8.36	43	152890	117.68	ug/L	100
49) Dibromochloromethane	8.48	129	71778	56.85	ug/L	96
50) 1,2-Dibromoethane	8.59	107	65997	55.31	ug/L	96
51) Chlorobenzene	9.12	112	167194	54.23	ug/L	100
52) Ethylbenzene	9.25	91	277981	55.44	ug/L	100
53) m,p-Xylene	9.38	106	105508	56.35	ug/L	99
54) o-xylene	9.78	106	105330	57.69	ug/L	98
55) Styrene	9.79	104	181115	56.78	ug/L	96
56) Isopropylbenzene	10.17	105	269950	56.48	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	110529	56.00	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	86159	56.45	ug/L	99
61) Bromoform	9.96	173	54742	58.29	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	123555	55.49	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	126233	53.60	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	135077	57.52	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	22915	58.03	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	97032	54.00	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	83072	52.93	ug/L	100
69) Naphthalene	13.74	128	282743	57.70	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	96684	56.10	ug/L	99

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

