

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081618\
 Data File : VU026172.D
 Acq On : 16 Aug 2018 10:10
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05068

Quant Time: Aug 16 16:07:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 04:40:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	287632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278226	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140603	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71905	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.68	69	63386	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.32%
11) 1,1-Dichloroethene-d2	2.27	63	154489	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.16%
21) 2-Butanone-d5	4.18	46	128807	99.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.39%
24) Chloroform-d	4.65	84	187131	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
26) 1,2-Dichloroethane-d4	5.31	65	119902	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
32) Benzene-d6	5.34	84	353256	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.33	67	114309	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.57	98	339335	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.85	79	56135	50.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.54%
47) 2-Hexanone-d5	8.31	63	97249	100.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	166017	50.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	142460	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	115870	50.88	ug/L	100
3) Chloromethane	1.33	50	103593	49.95	ug/L	99
5) Vinyl chloride	1.40	62	102735	49.61	ug/L	98
6) Bromomethane	1.63	94	57426	53.82	ug/L	98
8) Chloroethane	1.70	64	61832	49.87	ug/L	98
9) Trichlorofluoromethane	1.89	101	151687	49.61	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	85734	51.76	ug/L	98
12) 1,1-Dichloroethene	2.28	96	76279	50.18	ug/L	98
13) Acetone	2.32	43	120294	101.43	ug/L	100
14) Carbon disulfide	2.48	76	257339	48.82	ug/L	99
15) Methyl Acetate	2.62	43	105960	51.50	ug/L	98
16) Methylene chloride	2.70	84	100466	49.34	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	89830	49.82	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	293617	51.30	ug/L	98
19) 1,1-Dichloroethane	3.45	63	176041	50.71	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	101819	50.36	ug/L	98
22) 2-Butanone	4.26	43	157614	106.67	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	56510	51.71	ug/L	95
25) Chloroform	4.68	83	187141	51.35	ug/L	98
27) 1,2-Dichloroethane	5.41	62	148023	50.24	ug/L	100
29) Cyclohexane	5.00	56	143332	51.56	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	164896	49.60	ug/L	100
31) Carbon tetrachloride	5.14	117	153801	51.07	ug/L	99
33) Benzene	5.39	78	385416	51.16	ug/L	100
34) Trichloroethene	6.19	95	99588	50.74	ug/L	98
35) Methylcyclohexane	6.42	83	155163	52.67	ug/L	98
37) 1,2-Dichloropropane	6.44	63	108624	51.63	ug/L	100
38) Bromodichloromethane	6.76	83	142188	51.04	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	157052	50.28	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	268672	102.94	ug/L	99
42) Toluene	7.64	91	418004	52.25	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	155046	51.52	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	101137	50.70	ug/L	97
46) Tetrachloroethene	8.23	164	86387	51.04	ug/L	97
48) 2-Hexanone	8.36	43	222714	108.91	ug/L	99
49) Dibromochloromethane	8.48	129	123110	51.24	ug/L	98
50) 1,2-Dibromoethane	8.59	107	108423	52.34	ug/L	99
51) Chlorobenzene	9.12	112	278604	50.95	ug/L	98
52) Ethylbenzene	9.25	91	457930	52.54	ug/L	100
53) m,p-Xylene	9.38	106	176048	52.42	ug/L	100
54) o-xylene	9.78	106	173630	51.81	ug/L	100
55) Styrene	9.80	104	300050	53.77	ug/L	98
56) Isopropylbenzene	10.17	105	456400	53.04	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	168218	50.49	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	133251	51.41	ug/L	98
61) Bromoform	9.96	173	92897	50.53	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	211508	50.20	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	218793	50.35	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	232574	51.65	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	36721	51.43	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	167416	53.80	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	130588	55.40	ug/L	100
69) Naphthalene	13.75	128	378435	56.41	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	144907	57.33	ug/L	99

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

