

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026170.D
 Acq On : 16 Aug 2018 01:39
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05067

Quant Time: Aug 16 04:45:55 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	292694	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74716	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.94%
7) Chloroethane-d5	1.67	69	65910	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.30%
11) 1,1-Dichloroethene-d2	2.27	63	156356	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.66%
21) 2-Butanone-d5	4.18	46	139753	105.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.98%
24) Chloroform-d	4.65	84	187153	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.31	65	122298	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
32) Benzene-d6	5.34	84	353258	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
36) 1,2-Dichloropropane-d6	6.33	67	114547	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.34%
41) Toluene-d8	7.57	98	339890	48.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.16%
43) trans-1,3-Dichloropropene-	7.85	79	54287	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.44%
47) 2-Hexanone-d5	8.31	63	106844	108.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.53%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	167675	49.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	142435	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	117013	50.49	ug/L	99
3) Chloromethane	1.33	50	108984	51.64	ug/L	99
5) Vinyl chloride	1.40	62	105760	50.19	ug/L	100
6) Bromomethane	1.62	94	55755	51.35	ug/L	97
8) Chloroethane	1.69	64	64002	50.73	ug/L	98
9) Trichlorofluoromethane	1.88	101	155697	50.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	84625	50.20	ug/L	97
12) 1,1-Dichloroethene	2.28	96	75629	48.89	ug/L	88
13) Acetone	2.32	43	95744	79.33	ug/L	99
14) Carbon disulfide	2.48	76	265364	49.47	ug/L	99
15) Methyl Acetate	2.62	43	112079	53.53	ug/L	99
16) Methylene chloride	2.70	84	105142	50.74	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	92001	50.14	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	303609	52.13	ug/L	100
19) 1,1-Dichloroethane	3.45	63	181295	51.32	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	105240	51.15	ug/L	99
22) 2-Butanone	4.27	43	154402	102.69	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	58883	52.95	ug/L	99
25) Chloroform	4.68	83	194969	52.57	ug/L	98
27) 1,2-Dichloroethane	5.41	62	152517	50.87	ug/L	98
29) Cyclohexane	5.00	56	146938	51.87	ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	173454	51.21	ug/L	99
31) Carbon tetrachloride	5.14	117	157284	51.26	ug/L	100
33) Benzene	5.39	78	396341	51.63	ug/L	100
34) Trichloroethene	6.19	95	98816	49.42	ug/L	98
35) Methylcyclohexane	6.42	83	153796	51.23	ug/L	99
37) 1,2-Dichloropropane	6.44	63	109826	51.23	ug/L	99
38) Bromodichloromethane	6.76	83	144356	50.86	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	155432	48.84	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	291544	109.63	ug/L	98
42) Toluene	7.64	91	427484	52.44	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	149719	48.83	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	105980	52.14	ug/L	99
46) Tetrachloroethene	8.23	164	87782	50.90	ug/L	98
48) 2-Hexanone	8.36	43	229072	109.94	ug/L	99
49) Dibromochloromethane	8.48	129	125340	51.20	ug/L	100
50) 1,2-Dibromoethane	8.59	107	109529	51.89	ug/L	99
51) Chlorobenzene	9.12	112	281070	50.45	ug/L	99
52) Ethylbenzene	9.25	91	466920	52.58	ug/L	99
53) m,p-Xylene	9.38	106	181214	52.95	ug/L	97
54) o-xylene	9.78	106	180432	52.84	ug/L	99
55) Styrene	9.80	104	308212	54.21	ug/L	97
56) Isopropylbenzene	10.17	105	466654	53.23	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	178047	52.45	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	141228	53.48	ug/L	99
61) Bromoform	9.96	173	95876	51.97	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	214486	50.73	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	223291	51.21	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	234533	51.90	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	38502	53.74	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	157567	50.46	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	126417	53.44	ug/L	99
69) Naphthalene	13.74	128	396696	58.92	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	142031	55.99	ug/L	100

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

