

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100518\
 Data File : VU027456.D
 Acq On : 05 Oct 2018 16:27
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05006

Quant Time: Oct 06 04:59:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	229655	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	106918	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78662	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.68	69	61652	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.56%
11) 1,1-Dichloroethene-d2	2.27	63	144025	42.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.96%
21) 2-Butanone-d5	4.18	46	143833	98.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	4.65	84	139955	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
26) 1,2-Dichloroethane-d4	5.31	65	94126	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.34	84	288599	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
36) 1,2-Dichloropropane-d6	6.33	67	100694	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.57	98	253771	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.85	79	46847	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.31	63	107058	101.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134163	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	95087	45.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	108017	47.429	ug/L 99
3) Chloromethane	1.33	50	128717	49.185	ug/L 99
5) Vinyl chloride	1.40	62	121388	47.468	ug/L 98
6) Bromomethane	1.63	94	54011	48.331	ug/L 96
8) Chloroethane	1.70	64	69502	45.351	ug/L 99
9) Trichlorofluoromethane	1.89	101	118540	46.310	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	68447	45.041	ug/L 100
12) 1,1-Dichloroethene	2.29	96	65787	44.346	ug/L 95
13) Acetone	2.32	43	109647	91.625	ug/L 100
14) Carbon disulfide	2.48	76	228581	41.947	ug/L 100
15) Methyl Acetate	2.62	43	114605	47.792	ug/L 99
16) Methylene chloride	2.70	84	82050	45.538	ug/L 96
17) trans-1,2-Dichloroethene	2.98	96	73644	44.829	ug/L 93
18) Methyl tert-butyl Ether	3.00	73	264757	48.472	ug/L 99
19) 1,1-Dichloroethane	3.45	63	167870	49.489	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	87892	48.230	ug/L 97
22) 2-Butanone	4.26	43	166886	97.422	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	40449	48.673	ug/L	93
25) Chloroform	4.68	83	158289	48.306	ug/L	99
27) 1,2-Dichloroethane	5.41	62	127812	48.567	ug/L	100
29) Cyclohexane	5.00	56	161082	49.980	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	126359	49.703	ug/L	99
31) Carbon tetrachloride	5.14	117	107227	50.145	ug/L	99
33) Benzene	5.39	78	350375	50.179	ug/L	100
34) Trichloroethene	6.19	95	81886	48.764	ug/L	99
35) Methylcyclohexane	6.42	83	143390	49.146	ug/L	98
37) 1,2-Dichloropropane	6.43	63	103278	51.052	ug/L	100
38) Bromodichloromethane	6.76	83	114891	49.978	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	150641	50.677	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	307994	103.969	ug/L	99
42) Toluene	7.64	91	352465	50.309	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	138452	50.179	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	80784	49.746	ug/L	99
46) Tetrachloroethene	8.23	164	61328	49.141	ug/L	99
48) 2-Hexanone	8.36	43	240243	102.705	ug/L	99
49) Dibromochloromethane	8.48	129	84480	49.890	ug/L	97
50) 1,2-Dibromoethane	8.59	107	86182	50.023	ug/L	100
51) Chlorobenzene	9.12	112	227032	51.257	ug/L	100
52) Ethylbenzene	9.25	91	391935	50.383	ug/L	100
53) m,p-Xylene	9.38	106	143552	50.418	ug/L	98
54) o-xylene	9.78	106	139730	50.942	ug/L	97
55) Styrene	9.79	104	243615	51.865	ug/L	99
56) Isopropylbenzene	10.17	105	369323	51.378	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	143391	50.396	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	116440	50.840	ug/L	100
61) Bromoform	9.96	173	59716	49.155	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	162129	48.722	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	172263	49.629	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	170690	50.389	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	30277	48.215	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	123435	48.011	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	117211	49.576	ug/L	99
69) Naphthalene	13.74	128	372432	51.086	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	118955	49.476	ug/L	98

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

