

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101218\
 Data File : VU027634.D
 Acq On : 12 Oct 2018 19:18
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Oct 13 01:43:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 13 01:37:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	178885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	166616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78092	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63405	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.08%
7) Chloroethane-d5	1.68	69	49828	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.88%
11) 1,1-Dichloroethene-d2	2.28	63	123128	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
21) 2-Butanone-d5	4.18	46	108318	95.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.31%
24) Chloroform-d	4.65	84	112158	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
26) 1,2-Dichloroethane-d4	5.31	65	73364	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
32) Benzene-d6	5.34	84	223376	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.33	67	76465	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.50%
41) Toluene-d8	7.57	98	192368	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%
43) trans-1,3-Dichloropropene-	7.85	79	32646	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.84%
47) 2-Hexanone-d5	8.31	63	76746	92.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100897	47.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	68627	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	92039	51.88	ug/L	99
3) Chloromethane	1.33	50	109100	53.52	ug/L	99
5) Vinyl chloride	1.40	62	101943	51.18	ug/L	98
6) Bromomethane	1.62	94	46173	53.04	ug/L	98
8) Chloroethane	1.70	64	57709	48.34	ug/L	98
9) Trichlorofluoromethane	1.89	101	108632	54.48	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	61291	51.78	ug/L	99
12) 1,1-Dichloroethene	2.29	96	56452	48.85	ug/L	96
13) Acetone	2.32	43	88243	94.67	ug/L	100
14) Carbon disulfide	2.48	76	192191	45.28	ug/L	99
15) Methyl Acetate	2.62	43	103566	55.45	ug/L	99
16) Methylene chloride	2.70	84	73086	52.08	ug/L	95
17) trans-1,2-Dichloroethene	2.99	96	60766	47.49	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	222929	52.40	ug/L	99
19) 1,1-Dichloroethane	3.45	63	142152	53.80	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	72794	51.28	ug/L	100
22) 2-Butanone	4.27	43	141308	105.90	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	34254	52.92	ug/L	97
25) Chloroform	4.68	83	131399	51.48	ug/L	99
27) 1,2-Dichloroethane	5.41	62	110980	54.14	ug/L	99
29) Cyclohexane	5.00	56	129985	51.43	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	107915	54.13	ug/L	98
31) Carbon tetrachloride	5.14	117	91094	54.33	ug/L	98
33) Benzene	5.39	78	291685	53.27	ug/L	100
34) Trichloroethene	6.19	95	67139	50.99	ug/L	99
35) Methylcyclohexane	6.42	83	115071	50.30	ug/L	100
37) 1,2-Dichloropropane	6.43	63	88076	55.52	ug/L	100
38) Bromodichloromethane	6.76	83	99302	55.09	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	119350	51.20	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	265790	114.42	ug/L	98
42) Toluene	7.64	91	291536	53.07	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	110288	50.97	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	69499	54.58	ug/L	98
46) Tetrachloroethene	8.23	164	50275	51.37	ug/L	98
48) 2-Hexanone	8.36	43	206998	112.85	ug/L	98
49) Dibromochloromethane	8.48	129	73473	55.33	ug/L	98
50) 1,2-Dibromoethane	8.59	107	71571	52.98	ug/L	99
51) Chlorobenzene	9.12	112	175980	50.67	ug/L	100
52) Ethylbenzene	9.25	91	312823	51.28	ug/L	99
53) m,p-Xylene	9.38	106	116339	52.11	ug/L	98
54) o-xylene	9.78	106	114444	53.21	ug/L	98
55) Styrene	9.79	104	198349	53.85	ug/L	99
56) Isopropylbenzene	10.17	105	296586	52.62	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	122685	54.99	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	100410	55.91	ug/L	99
61) Bromoform	9.96	173	50814	57.27	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	123532	50.83	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	128302	50.61	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	133373	53.91	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	26938	58.73	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	89946	47.90	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	77881	45.10	ug/L	100
69) Naphthalene	13.74	128	282030	52.97	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	86671	49.36	ug/L	99

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

