

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100818\
 Data File : VU027487.D
 Acq On : 08 Oct 2018 10:00
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05040

Quant Time: Oct 09 04:52:14 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	191445	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89820	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72244	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.90%
7) Chloroethane-d5	1.68	69	60226	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.78%
11) 1,1-Dichloroethene-d2	2.28	63	147324	52.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.26%
21) 2-Butanone-d5	4.18	46	142081	116.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.82%
24) Chloroform-d	4.65	84	139080	57.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.42%
26) 1,2-Dichloroethane-d4	5.31	65	92680	54.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.76%
32) Benzene-d6	5.34	84	276175	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.18%
36) 1,2-Dichloropropane-d6	6.33	67	96844	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.70%
41) Toluene-d8	7.57	98	243603	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%
43) trans-1,3-Dichloropropene-	7.85	79	47104	54.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.72%
47) 2-Hexanone-d5	8.31	63	102634	114.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129185	55.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	91100	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	103371	54.448	ug/L 100
3) Chloromethane	1.33	50	117650	53.929	ug/L 99
5) Vinyl chloride	1.40	62	111639	52.369	ug/L 98
6) Bromomethane	1.63	94	44639	47.917	ug/L 97
8) Chloroethane	1.70	64	63207	49.475	ug/L 98
9) Trichlorofluoromethane	1.89	101	117826	55.218	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	69943	55.212	ug/L 99
12) 1,1-Dichloroethene	2.29	96	65291	52.796	ug/L 95
13) Acetone	2.32	43	129936	130.250	ug/L 100
14) Carbon disulfide	2.48	76	229838	50.596	ug/L 100
15) Methyl Acetate	2.62	43	110675	55.364	ug/L 100
16) Methylene chloride	2.70	84	81314	54.137	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	71811	52.438	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	251624	55.262	ug/L 100
19) 1,1-Dichloroethane	3.45	63	155403	54.957	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	79758	52.502	ug/L 97
22) 2-Butanone	4.26	43	164925	115.492	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	36994	53.400	ug/L	94
25) Chloroform	4.67	83	143044	52.366	ug/L	97
27) 1,2-Dichloroethane	5.40	62	118240	53.897	ug/L	100
29) Cyclohexane	5.00	56	152195	55.279	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	116983	53.865	ug/L	99
31) Carbon tetrachloride	5.14	117	100989	55.285	ug/L	99
33) Benzene	5.39	78	323506	54.235	ug/L	100
34) Trichloroethene	6.19	95	77692	54.159	ug/L	98
35) Methylcyclohexane	6.42	83	138343	55.505	ug/L	99
37) 1,2-Dichloropropane	6.43	63	94380	54.613	ug/L	100
38) Bromodichloromethane	6.76	83	107776	54.881	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	141136	55.580	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	283066	111.855	ug/L	99
42) Toluene	7.64	91	324222	54.173	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	130375	55.312	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	74918	54.004	ug/L	99
46) Tetrachloroethene	8.23	164	56970	53.437	ug/L	99
48) 2-Hexanone	8.36	43	231312	115.757	ug/L	99
49) Dibromochloromethane	8.48	129	79516	54.970	ug/L	98
50) 1,2-Dibromoethane	8.59	107	78658	53.444	ug/L	99
51) Chlorobenzene	9.12	112	199511	52.728	ug/L	99
52) Ethylbenzene	9.25	91	361660	54.423	ug/L	100
53) m,p-Xylene	9.38	106	133339	54.820	ug/L	100
54) o-xylene	9.78	106	127232	54.298	ug/L	99
55) Styrene	9.79	104	224752	56.012	ug/L	99
56) Isopropylbenzene	10.17	105	343555	55.947	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	131156	53.959	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	106404	54.384	ug/L	100
61) Bromoform	9.96	173	56242	55.108	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	150267	53.754	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	156715	53.744	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	151370	53.192	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	29159	55.274	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	118191	54.723	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	106635	53.688	ug/L	100
69) Naphthalene	13.74	128	337162	55.052	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	108902	53.917	ug/L	99

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

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