

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030033.D
 Acq On : 13 Mar 2019 16:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05033

Quant Time: Mar 14 01:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 01:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256327	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152862	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.84%
7) Chloroethane-d5	1.68	69	130108	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.78%
11) 1,1-Dichloroethene-d2	2.27	63	299113	49.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.48%
21) 2-Butanone-d5	4.17	46	252151	100.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.65	84	311048	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
26) 1,2-Dichloroethane-d4	5.31	65	178328	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
32) Benzene-d6	5.34	84	659519	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
36) 1,2-Dichloropropane-d6	6.33	67	199061	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.60%
41) Toluene-d8	7.56	98	622376	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%
43) trans-1,3-Dichloropropene-	7.85	79	99873	53.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.26%
47) 2-Hexanone-d5	8.31	63	227899	104.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309785	51.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	259827	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	176891	55.021 ug/L	98
3) Chloromethane	1.33	50	191314	53.939 ug/L	100
5) Vinyl chloride	1.41	62	204977	52.719 ug/L	98
6) Bromomethane	1.62	94	122959	51.051 ug/L	99
8) Chloroethane	1.69	64	125191	49.127 ug/L	97
9) Trichlorofluoromethane	1.88	101	282805	54.236 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	185320	55.440 ug/L	98
12) 1,1-Dichloroethene	2.28	96	168469	52.827 ug/L	91
13) Acetone	2.32	43	223369	75.763 ug/L	100
14) Carbon disulfide	2.48	76	508599	51.455 ug/L	100
15) Methyl Acetate	2.61	43	193204	50.723 ug/L	98
16) Methylene chloride	2.70	84	196924	52.294 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	181031	52.126 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	542463	52.665 ug/L	99
19) 1,1-Dichloroethane	3.44	63	318054	53.339 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	206955	52.345 ug/L	98
22) 2-Butanone	4.26	43	295078	87.914 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	108320	52.889	ug/L	99
25) Chloroform	4.67	83	333114	53.226	ug/L	99
27) 1,2-Dichloroethane	5.40	62	236008	52.452	ug/L	98
29) Cyclohexane	4.99	56	295302	54.358	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	284577	52.923	ug/L	100
31) Carbon tetrachloride	5.13	117	254622	53.625	ug/L	98
33) Benzene	5.39	78	756402	53.666	ug/L	100
34) Trichloroethene	6.18	95	194282	52.594	ug/L	99
35) Methylcyclohexane	6.41	83	333086	55.605	ug/L	99
37) 1,2-Dichloropropane	6.43	63	194562	52.479	ug/L	100
38) Bromodichloromethane	6.75	83	247837	53.758	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	308272	53.432	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	510225	101.925	ug/L	100
42) Toluene	7.63	91	818095	53.386	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	281777	53.490	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	196196	52.916	ug/L	99
46) Tetrachloroethene	8.22	164	177140	54.796	ug/L	99
48) 2-Hexanone	8.36	43	417449	97.750	ug/L	99
49) Dibromochloromethane	8.47	129	222869	53.801	ug/L	96
50) 1,2-Dibromoethane	8.58	107	213387	52.214	ug/L	96
51) Chlorobenzene	9.12	112	541337	52.397	ug/L	98
52) Ethylbenzene	9.25	91	904224	53.600	ug/L	100
53) m,p-Xylene	9.37	106	352613	54.024	ug/L	99
54) o-xylene	9.77	106	348138	54.304	ug/L	97
55) Styrene	9.79	104	594165	54.430	ug/L	98
56) Isopropylbenzene	10.16	105	912751	54.383	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	338809	53.241	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	249306	51.634	ug/L	100
61) Bromoform	9.95	173	173182	54.279	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	437744	52.881	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	443807	52.726	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	451283	54.160	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	70495	52.063	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	341562	53.160	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	310734	52.871	ug/L	99
69) Naphthalene	13.74	128	1008966	52.839	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	322718	52.857	ug/L	99

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

