

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029938.D
 Acq On : 09 Mar 2019 22:17
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: Mar 11 02:27:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	553657	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	542756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	284444	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164215	48.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.22%
7) Chloroethane-d5	1.68	69	137097	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	2.27	63	305596	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.98%
21) 2-Butanone-d5	4.17	46	270322	103.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.29%
24) Chloroform-d	4.64	84	324940	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
26) 1,2-Dichloroethane-d4	5.31	65	189275	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
32) Benzene-d6	5.34	84	683330	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.33	67	204047	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.90%
41) Toluene-d8	7.56	98	648949	50.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.85	79	92995	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.08%
47) 2-Hexanone-d5	8.31	63	223245	101.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324039	50.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	274390	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	213539	50.058	ug/L 100
3) Chloromethane	1.33	50	274576	49.131	ug/L 100
5) Vinyl chloride	1.40	62	221759	51.221	ug/L 99
6) Bromomethane	1.62	94	74747	65.121	ug/L 98
8) Chloroethane	1.69	64	132128	49.896	ug/L 97
9) Trichlorofluoromethane	1.88	101	283382	49.426	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	173634	49.207	ug/L 99
12) 1,1-Dichloroethene	2.28	96	169785	49.581	ug/L 95
13) Acetone	2.32	43	184652	64.681	ug/L 100
14) Carbon disulfide	2.47	76	514995	48.254	ug/L 99
15) Methyl Acetate	2.61	43	208927	53.009	ug/L 98
16) Methylene chloride	2.70	84	200605	49.965	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	183796	50.627	ug/L 98
18) Methyl tert-butyl Ether	3.00	73	491721	54.110	ug/L 100
19) 1,1-Dichloroethane	3.44	63	319071	50.970	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	210320	50.772	ug/L 100
22) 2-Butanone	4.26	43	289570	88.609	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	108161	51.941	ug/L	98
25) Chloroform	4.67	83	333988	49.581	ug/L	100
27) 1,2-Dichloroethane	5.40	62	241791	50.469	ug/L	99
29) Cyclohexane	4.99	56	281881	50.720	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	280316	51.274	ug/L	100
31) Carbon tetrachloride	5.13	117	233010	48.268	ug/L	100
33) Benzene	5.39	78	747950	51.587	ug/L	100
34) Trichloroethene	6.18	95	193184	49.439	ug/L	99
35) Methylcyclohexane	6.41	83	307520	49.320	ug/L	98
37) 1,2-Dichloropropane	6.43	63	194823	51.563	ug/L	100
38) Bromodichloromethane	6.75	83	235941	49.881	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	282709	49.165	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	534497	106.090	ug/L	100
42) Toluene	7.63	91	826652	52.158	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	253811	49.544	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	194280	50.654	ug/L	99
46) Tetrachloroethene	8.22	164	164960	49.018	ug/L	97
48) 2-Hexanone	8.36	43	428759	100.669	ug/L	99
49) Dibromochloromethane	8.47	129	205528	48.959	ug/L	100
50) 1,2-Dibromoethane	8.58	107	210351	50.886	ug/L	100
51) Chlorobenzene	9.12	112	541593	50.491	ug/L	99
52) Ethylbenzene	9.25	91	911370	51.988	ug/L	100
53) m,p-Xylene	9.37	106	348869	51.984	ug/L	99
54) o-xylene	9.78	106	349235	52.268	ug/L	100
55) Styrene	9.79	104	567072	52.314	ug/L	100
56) Isopropylbenzene	10.16	105	894676	51.705	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	337751	50.854	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	254568	50.828	ug/L	100
61) Bromoform	9.95	173	163102	49.247	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	434542	49.971	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	437313	49.111	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	445744	50.252	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	68651	49.383	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	326809	49.517	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	287604	48.846	ug/L	100
69) Naphthalene	13.74	128	904741	49.722	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	301526	48.771	ug/L	98

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

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