

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030793.D
 Acq On : 06 Apr 2019 12:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05053

Quant Time: Apr 08 05:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	503632	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	239448	53.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.52%
7) Chloroethane-d5	1.68	69	179242	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.06%
11) 1,1-Dichloroethene-d2	2.27	63	430647	52.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.92%
21) 2-Butanone-d5	4.17	46	382991	107.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.49%
24) Chloroform-d	4.64	84	377135	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.82%
26) 1,2-Dichloroethane-d4	5.30	65	247951	52.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.82%
32) Benzene-d6	5.33	84	741752	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
36) 1,2-Dichloropropane-d6	6.32	67	255289	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.38%
41) Toluene-d8	7.56	98	676106	53.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.88%
43) trans-1,3-Dichloropropene-	7.85	79	120373	53.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.94%
47) 2-Hexanone-d5	8.31	63	235914	105.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	345815	52.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	233528	50.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	223626	50.550	ug/L	100
3) Chloromethane	1.32	50	279064	48.769	ug/L	100
5) Vinyl chloride	1.40	62	267662	48.322	ug/L	96
6) Bromomethane	1.62	94	142212	49.555	ug/L	98
8) Chloroethane	1.69	64	160070	50.667	ug/L	99
9) Trichlorofluoromethane	1.88	101	334024	51.753	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	185523	51.445	ug/L	99
12) 1,1-Dichloroethene	2.28	96	178909	51.390	ug/L	87
13) Acetone	2.32	43	384875	105.558	ug/L	99
14) Carbon disulfide	2.47	76	534484	49.421	ug/L	99
15) Methyl Acetate	2.61	43	289197	51.156	ug/L	97
16) Methylene chloride	2.69	84	207742	49.121	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	182713	49.429	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	610817	49.331	ug/L	100
19) 1,1-Dichloroethane	3.44	63	390473	51.187	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	205067	50.243	ug/L	94
22) 2-Butanone	4.25	43	455213	106.483	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	95662	49.576	ug/L	94
25) Chloroform	4.67	83	383968	50.080	ug/L	97
27) 1,2-Dichloroethane	5.40	62	297650	50.865	ug/L	98
29) Cyclohexane	4.99	56	349380	50.136	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	305107	51.205	ug/L	99
31) Carbon tetrachloride	5.13	117	264533	51.518	ug/L	100
33) Benzene	5.38	78	820895	51.306	ug/L	100
34) Trichloroethene	6.18	95	199676	50.883	ug/L	96
35) Methylcyclohexane	6.41	83	314543	51.937	ug/L	99
37) 1,2-Dichloropropane	6.43	63	229569	50.671	ug/L	100
38) Bromodichloromethane	6.75	83	282272	51.646	ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	333483	51.715	ug/L	96
40) 4-Methyl-2-pentanone	7.45	43	750594	103.026	ug/L	100
42) Toluene	7.63	91	859197	52.608	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	300936	52.955	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	195573	50.899	ug/L	97
46) Tetrachloroethene	8.22	164	143306	50.229	ug/L	99
48) 2-Hexanone	8.36	43	612960	107.839	ug/L	99
49) Dibromochloromethane	8.47	129	210985	51.748	ug/L	99
50) 1,2-Dibromoethane	8.58	107	209388	50.361	ug/L	98
51) Chlorobenzene	9.12	112	511230	51.037	ug/L	100
52) Ethylbenzene	9.24	91	918472	51.592	ug/L	100
53) m,p-Xylene	9.37	106	326939	52.656	ug/L	99
54) o-xylene	9.77	106	317070	51.340	ug/L	96
55) Styrene	9.79	104	570443	53.849	ug/L	99
56) Isopropylbenzene	10.16	105	860500	52.920	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	353101	50.806	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	278385	51.305	ug/L	99
61) Bromoform	9.95	173	151554	48.772	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	364595	49.043	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	377808	49.962	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	367358	49.262	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	78231	49.349	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	278204	51.206	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	235107	50.896	ug/L	98
69) Naphthalene	13.74	128	758030	50.620	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	248321	51.451	ug/L	98

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

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