

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
 Data File : VU030564.D
 Acq On : 30 Mar 2019 00:52
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05041

Quant Time: Mar 30 02:18:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 02:12:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	397444	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166082	51.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.84%
7) Chloroethane-d5	1.67	69	133619	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.27	63	328357	54.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.24%
21) 2-Butanone-d5	4.17	46	317839	105.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.71%
24) Chloroform-d	4.64	84	304988	55.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.68%
26) 1,2-Dichloroethane-d4	5.31	65	198097	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.86%
32) Benzene-d6	5.34	84	595748	54.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.08%
36) 1,2-Dichloropropane-d6	6.33	67	205593	55.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.02%
41) Toluene-d8	7.56	98	541005	55.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.28%
43) trans-1,3-Dichloropropene-	7.85	79	92992	52.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.82%
47) 2-Hexanone-d5	8.31	63	207915	102.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289898	54.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	192769	56.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	215518	49.147 ug/L	100
3) Chloromethane	1.33	50	256362	52.272 ug/L	99
5) Vinyl chloride	1.40	62	248302	53.390 ug/L	100
6) Bromomethane	1.61	94	117660	55.149 ug/L	99
8) Chloroethane	1.69	64	141340	53.833 ug/L	100
9) Trichlorofluoromethane	1.88	101	281899	55.584 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	152745	52.658 ug/L	99
12) 1,1-Dichloroethene	2.28	96	153444	53.961 ug/L	97
13) Acetone	2.32	43	235992	77.609 ug/L	99
14) Carbon disulfide	2.47	76	461188	49.051 ug/L	100
15) Methyl Acetate	2.61	43	262087	56.289 ug/L #	100
16) Methylene chloride	2.70	84	182481	54.436 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	154264	51.709 ug/L	96
18) Methyl tert-butyl Ether	3.00	73	544164	55.157 ug/L	99
19) 1,1-Dichloroethane	3.44	63	345695	56.481 ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	179805	53.741 ug/L	99
22) 2-Butanone	4.26	43	371528	101.084 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	87132	56.030	ug/L	95
25) Chloroform	4.67	83	323721	55.628	ug/L	98
27) 1,2-Dichloroethane	5.40	62	264646	57.955	ug/L	97
29) Cyclohexane	4.99	56	302571	52.488	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	264978	56.811	ug/L	100
31) Carbon tetrachloride	5.13	117	222180	56.200	ug/L	98
33) Benzene	5.39	78	724091	55.841	ug/L	100
34) Trichloroethene	6.18	95	167957	52.689	ug/L	97
35) Methylcyclohexane	6.41	83	261632	49.877	ug/L	99
37) 1,2-Dichloropropane	6.43	63	206366	56.080	ug/L	100
38) Bromodichloromethane	6.75	83	246790	56.442	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	287738	54.400	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	690433	111.700	ug/L	98
42) Toluene	7.63	91	749799	55.716	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	255979	55.002	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	173558	55.820	ug/L	98
46) Tetrachloroethene	8.22	164	118448	53.200	ug/L	98
48) 2-Hexanone	8.36	43	531947	105.004	ug/L	99
49) Dibromochloromethane	8.47	129	181555	56.196	ug/L	100
50) 1,2-Dibromoethane	8.58	107	182888	54.807	ug/L	99
51) Chlorobenzene	9.12	112	435804	53.433	ug/L	98
52) Ethylbenzene	9.25	91	799453	54.839	ug/L	98
53) m,p-Xylene	9.37	106	283801	53.916	ug/L	98
54) o-xylene	9.77	106	288531	56.177	ug/L	97
55) Styrene	9.79	104	488718	55.239	ug/L	99
56) Isopropylbenzene	10.16	105	742339	54.585	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	319274	55.715	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	249343	55.668	ug/L	99
61) Bromoform	9.95	173	131662	57.651	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	300927	53.572	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	305563	52.840	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	315538	55.553	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	70558	55.789	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	215179	51.169	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	173812	47.570	ug/L	99
69) Naphthalene	13.74	128	594879	45.787	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	192040	49.774	ug/L	98

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

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