

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032481.D
 Acq On : 06 Jun 2019 00:42
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05031

Quant Time: Jun 06 04:10:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 06 04:04:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205368	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	193998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63759	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.67	69	52320	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
11) 1,1-Dichloroethene-d2	2.27	63	124654	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
21) 2-Butanone-d5	4.17	46	111975	100.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.64	84	122269	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.30	65	76647	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
32) Benzene-d6	5.33	84	246715	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
36) 1,2-Dichloropropane-d6	6.32	67	76970	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.56	98	234305	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%
43) trans-1,3-Dichloropropene-	7.85	79	38000	50.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.56%
47) 2-Hexanone-d5	8.31	63	79705	104.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.05%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116559	50.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	99238	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	86405	46.669	ug/L 100
3) Chloromethane	1.32	50	88230	49.318	ug/L 100
5) Vinyl chloride	1.40	62	87920	49.197	ug/L 100
6) Bromomethane	1.62	94	53068	49.830	ug/L 98
8) Chloroethane	1.69	64	50573	47.609	ug/L 100
9) Trichlorofluoromethane	1.88	101	116258	48.177	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	58671	46.749	ug/L 99
12) 1,1-Dichloroethene	2.28	96	61309	50.311	ug/L 89
13) Acetone	2.32	43	80863	70.285	ug/L 99
14) Carbon disulfide	2.47	76	182706	49.345	ug/L 99
15) Methyl Acetate	2.61	43	82667	50.325	ug/L 97
16) Methylene chloride	2.69	84	69594	50.050	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	65056	49.265	ug/L 99
18) Methyl tert-butyl Ether	2.99	73	218253	50.308	ug/L 99
19) 1,1-Dichloroethane	3.44	63	120952	50.244	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	74363	49.759	ug/L 99
22) 2-Butanone	4.25	43	123531	90.847	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	38491	49.534	ug/L	98
25) Chloroform	4.67	83	124341	50.053	ug/L	99
27) 1,2-Dichloroethane	5.40	62	96571	49.174	ug/L	99
29) Cyclohexane	4.99	56	110168	47.744	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	109471	49.847	ug/L	99
31) Carbon tetrachloride	5.13	117	97947	48.661	ug/L	99
33) Benzene	5.38	78	273043	50.093	ug/L	100
34) Trichloroethene	6.18	95	73189	49.354	ug/L	98
35) Methylcyclohexane	6.41	83	107375	44.726	ug/L	100
37) 1,2-Dichloropropane	6.43	63	73096	50.589	ug/L	100
38) Bromodichloromethane	6.75	83	92475	49.704	ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	112570	49.378	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	237838	102.317	ug/L	100
42) Toluene	7.63	91	297665	49.865	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	99196	49.022	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	68886	50.415	ug/L	98
46) Tetrachloroethene	8.22	164	58737	47.957	ug/L	98
48) 2-Hexanone	8.36	43	189020	99.002	ug/L	99
49) Dibromochloromethane	8.47	129	80873	50.922	ug/L	100
50) 1,2-Dibromoethane	8.58	107	77313	50.269	ug/L	100
51) Chlorobenzene	9.11	112	194681	50.620	ug/L	100
52) Ethylbenzene	9.24	91	334618	50.289	ug/L	100
53) m,p-Xylene	9.37	106	127336	50.327	ug/L	99
54) o-xylene	9.77	106	127228	50.645	ug/L	96
55) Styrene	9.79	104	216688	51.668	ug/L	100
56) Isopropylbenzene	10.16	105	332219	50.152	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	118248	50.635	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	94621	50.375	ug/L	99
61) Bromoform	9.95	173	62666	50.048	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	158635	49.927	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	159605	49.134	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	159001	49.497	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	28175	52.131	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	123810	50.085	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	111524	53.253	ug/L	99
69) Naphthalene	13.74	128	373745	56.578	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	117116	53.735	ug/L	100

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

