

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013298.D
 Acq On : 23 Oct 2019 12:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Quant Time: Oct 24 02:53:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 02:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1365541	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1271738	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	661549	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	376281	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.58	69	291021	41.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.30%
11) 1,1-Dichloroethene-d2	2.12	63	570742	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
21) 2-Butanone-d5	3.96	46	587764	96.91	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.91%
24) Chloroform-d	4.39	84	852319	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
26) 1,2-Dichloroethane-d4	5.08	65	508193	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
32) Benzene-d6	5.09	84	1778120	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
36) 1,2-Dichloropropane-d6	6.11	67	533711	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.04%
41) Toluene-d8	7.35	98	1668721	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%
43) trans-1,3-Dichloropropene-	7.66	79	252798	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.13	63	373523	101.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	707075	44.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	665583	43.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	568008	48.380	ug/L 99
3) Chloromethane	1.25	50	394467	44.587	ug/L 100
5) Vinyl chloride	1.32	62	440272	48.229	ug/L 98
6) Bromomethane	1.53	94	231768	49.528	ug/L 97
8) Chloroethane	1.60	64	219080	42.710	ug/L 99
9) Trichlorofluoromethane	1.77	101	548601	43.212	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	322358	44.923	ug/L 99
12) 1,1-Dichloroethene	2.13	96	317765	45.964	ug/L 95
13) Acetone	2.24	43	303969	67.823	ug/L 76
14) Carbon disulfide	2.31	76	1152302	48.112	ug/L 100
15) Methyl Acetate	2.47	43	443511	47.544	ug/L 98
16) Methylene chloride	2.53	84	478652	46.580	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	452901	47.465	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	1320216	47.764	ug/L 99
19) 1,1-Dichloroethane	3.22	63	808326	46.888	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	503283	48.669	ug/L 98
22) 2-Butanone	4.05	43	636908	99.108	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	266602	47.637	ug/L	99
25) Chloroform	4.42	83	823832	46.697	ug/L	100
27) 1,2-Dichloroethane	5.17	62	614420	47.787	ug/L	98
29) Cyclohexane	4.72	56	753333	51.121	ug/L	98
30) 1,1,1-Trichloroethane	4.65	97	719917	48.914	ug/L	99
31) Carbon tetrachloride	4.87	117	650482	49.020	ug/L	100
33) Benzene	5.14	78	1865257	48.289	ug/L	100
34) Trichloroethene	5.95	95	490903	48.541	ug/L	98
35) Methylcyclohexane	6.17	83	789960	51.392	ug/L	100
37) 1,2-Dichloropropane	6.22	63	473665	48.683	ug/L	99
38) Bromodichloromethane	6.55	83	617685	48.206	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	735033	50.530	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1278156	105.712	ug/L	100
42) Toluene	7.43	91	2009735	50.750	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	653853	52.557	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	468274	48.885	ug/L	99
46) Tetrachloroethene	8.01	164	458989	50.886	ug/L	97
48) 2-Hexanone	8.18	43	981874	100.044	ug/L	98
49) Dibromochloromethane	8.29	129	535036	49.302	ug/L	100
50) 1,2-Dibromoethane	8.39	107	492986	48.432	ug/L	97
51) Chlorobenzene	8.92	112	1309155	48.616	ug/L	99
52) Ethylbenzene	9.05	91	2161811	51.673	ug/L	99
53) m,p-Xylene	9.18	106	841320	51.779	ug/L	100
54) o-xylene	9.58	106	828104	52.262	ug/L	100
55) Styrene	9.60	104	1417868	52.762	ug/L	99
56) Isopropylbenzene	9.97	105	2140204	52.864	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	699356	47.419	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	573201	47.231	ug/L	100
61) Bromoform	9.77	173	416513	48.238	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	1074065	50.289	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1064938	48.003	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	1076823	48.906	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	148689	48.143	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	821744	51.089	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	696338	51.581	ug/L	99
69) Naphthalene	13.55	128	2097697	57.382	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	759533	52.519	ug/L	99

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

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