

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
 Data File : VV013132.D
 Acq On : 14 Oct 2019 10:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Oct 15 05:06:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 17:17:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	726374	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	705878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	355988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	223086	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.18%
7) Chloroethane-d5	1.58	69	199729	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.14%
11) 1,1-Dichloroethene-d2	2.13	63	435873	50.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.66%
21) 2-Butanone-d5	3.92	46	309775	89.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.73%
24) Chloroform-d	4.40	84	464319	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
26) 1,2-Dichloroethane-d4	5.08	65	295024	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
32) Benzene-d6	5.09	84	952081	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
36) 1,2-Dichloropropane-d6	6.11	67	295411	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.35	98	869054	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%
43) trans-1,3-Dichloropropene-	7.66	79	135180	50.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.14%
47) 2-Hexanone-d5	8.13	63	160935	68.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	388221	50.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.96%
64) 1,2-Dichlorobenzene-d4	11.67	152	344032	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	292485	51.910	ug/L 100
3) Chloromethane	1.26	50	333007	51.938	ug/L 100
5) Vinyl chloride	1.32	62	312582	50.748	ug/L 99
6) Bromomethane	1.53	94	204528	64.897	ug/L 99
8) Chloroethane	1.60	64	193550	52.829	ug/L 98
9) Trichlorofluoromethane	1.77	101	414532	52.450	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	245072	52.642	ug/L 98
12) 1,1-Dichloroethene	2.14	96	229883	51.032	ug/L 99
13) Acetone	2.18	43	328279	103.561	ug/L 99
14) Carbon disulfide	2.32	76	675780	51.729	ug/L 100
15) Methyl Acetate	2.45	43	272651	48.537	ug/L 99
16) Methylene chloride	2.53	84	285763	53.319	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	252426	51.653	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	749921	50.840	ug/L 100
19) 1,1-Dichloroethane	3.23	63	481455	52.228	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	281455	50.888	ug/L 100
22) 2-Butanone	4.00	43	412007	102.115	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	150056	53.418	ug/L	99
25) Chloroform	4.42	83	493062	53.085	ug/L	98
27) 1,2-Dichloroethane	5.17	62	381820	53.628	ug/L	100
29) Cyclohexane	4.72	56	419757	49.653	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	398138	50.832	ug/L	99
31) Carbon tetrachloride	4.87	117	361445	51.934	ug/L	99
33) Benzene	5.14	78	1094819	50.922	ug/L	100
34) Trichloroethene	5.95	95	284462	49.692	ug/L	99
35) Methylcyclohexane	6.17	83	453280	52.347	ug/L	100
37) 1,2-Dichloropropane	6.22	63	280705	50.421	ug/L	100
38) Bromodichloromethane	6.55	83	367724	51.911	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	426527	51.802	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	721569	99.011	ug/L	99
42) Toluene	7.43	91	1168171	52.779	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	371622	52.066	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	277974	52.591	ug/L	99
46) Tetrachloroethene	8.02	164	241242	53.231	ug/L	97
48) 2-Hexanone	8.18	43	575378	102.098	ug/L	99
49) Dibromochloromethane	8.29	129	304152	52.800	ug/L	98
50) 1,2-Dibromoethane	8.39	107	284706	51.537	ug/L	99
51) Chlorobenzene	8.92	112	749074	51.608	ug/L	99
52) Ethylbenzene	9.05	91	1254358	53.057	ug/L	100
53) m,p-Xylene	9.18	106	488685	54.942	ug/L	100
54) o-xylene	9.58	106	476492	53.471	ug/L	97
55) Styrene	9.60	104	815933	55.754	ug/L	98
56) Isopropylbenzene	9.97	105	1221424	53.379	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	397342	51.711	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	343012	50.610	ug/L	100
61) Bromoform	9.77	173	224625	50.144	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	585207	50.834	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	591263	51.146	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	591130	50.441	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	74854	43.915	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	414276	50.460	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	349595	49.646	ug/L	98
69) Naphthalene	13.55	128	933010	48.094	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	383403	50.900	ug/L	100

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

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