

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018614.D
 Acq On : 02 Oct 2020 02:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05098

Quant Time: Oct 02 04:21:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285846	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93703	55.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.78%
7) Chloroethane-d5	1.58	69	83301	60.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.12	63	203459	59.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.12%
21) 2-Butanone-d5	3.91	46	118782	94.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.99%
24) Chloroform-d	4.38	84	186648	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
26) 1,2-Dichloroethane-d4	5.06	65	122156	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.16%
32) Benzene-d6	5.08	84	353975	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.09	67	106696	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.94%
41) Toluene-d8	7.34	98	338071	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%
43) trans-1,3-Dichloropropene-	7.64	79	54189	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.08%
47) 2-Hexanone-d5	8.11	63	77498	93.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.66%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	140937	48.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	142659	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	90867	46.752	ug/L	98
3) Chloromethane	1.25	50	92989	44.713	ug/L	98
5) Vinyl chloride	1.32	62	109142	49.915	ug/L	99
6) Bromomethane	1.53	94	68828	46.250	ug/L	98
8) Chloroethane	1.60	64	75669	56.159	ug/L	100
9) Trichlorofluoromethane	1.76	101	191769	57.706	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102490	55.102	ug/L	98
12) 1,1-Dichloroethene	2.13	96	99715	55.882	ug/L	99
13) Acetone	2.19	43	104764	96.971	ug/L	99
14) Carbon disulfide	2.31	76	272913	47.213	ug/L	98
15) Methyl Acetate	2.45	43	100020	48.055	ug/L	100
16) Methylene chloride	2.52	84	108889	50.843	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	100832	49.384	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	313742	50.433	ug/L	99
19) 1,1-Dichloroethane	3.21	63	180606	50.518	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	108554	50.026	ug/L	98
22) 2-Butanone	4.00	43	132064	96.766	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	58992	49.438	ug/L	99
25) Chloroform	4.40	83	196209	51.977	ug/L	99
27) 1,2-Dichloroethane	5.15	62	158113	53.738	ug/L	99
29) Cyclohexane	4.70	56	149628	46.088	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	177567	50.247	ug/L	99
31) Carbon tetrachloride	4.86	117	160306	50.545	ug/L	100
33) Benzene	5.13	78	407373	48.713	ug/L	100
34) Trichloroethene	5.94	95	120281	49.542	ug/L	98
35) Methylcyclohexane	6.15	83	144830	44.221	ug/L	98
37) 1,2-Dichloropropane	6.20	63	103653	48.310	ug/L	99
38) Bromodichloromethane	6.53	83	144170	50.174	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	158359	47.043	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	271835	98.187	ug/L	99
42) Toluene	7.41	91	451241	49.879	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	162330	49.090	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	107203	50.473	ug/L	99
46) Tetrachloroethene	8.00	164	95878	48.677	ug/L	98
48) 2-Hexanone	8.16	43	214102	99.115	ug/L	99
49) Dibromochloromethane	8.27	129	123212	50.718	ug/L	100
50) 1,2-Dibromoethane	8.37	107	113473	50.248	ug/L	100
51) Chlorobenzene	8.90	112	298241	48.731	ug/L	99
52) Ethylbenzene	9.03	91	498777	49.369	ug/L	99
53) m,p-Xylene	9.16	106	193857	49.650	ug/L	98
54) o-xylene	9.56	106	185746	50.248	ug/L	100
55) Styrene	9.58	104	327739	50.918	ug/L	98
56) Isopropylbenzene	9.95	105	492547	49.682	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	148338	49.548	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	129805	49.738	ug/L	98
61) Bromoform	9.75	173	90039	49.964	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	248676	48.978	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	255316	48.834	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	249320	49.637	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33717	49.172	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	161576	45.941	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	153800	46.995	ug/L	99
69) Naphthalene	13.52	128	470137	50.184	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	157764	48.021	ug/L	99

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

