

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015301.D
 Acq On : 31 Mar 2020 03:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Mar 31 06:28:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 06:20:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	576439	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	585015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	270967	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	179478	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	181796	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.12	63	393735	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
21) 2-Butanone-d5	3.93	46	302896	110.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.20%
24) Chloroform-d	4.38	84	369117	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
26) 1,2-Dichloroethane-d4	5.06	65	244682	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
32) Benzene-d6	5.08	84	692002	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
36) 1,2-Dichloropropane-d6	6.10	67	226723	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.94%
41) Toluene-d8	7.34	98	679550	45.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.98%
43) trans-1,3-Dichloropropene-	7.64	79	118250	45.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.94%
47) 2-Hexanone-d5	8.11	63	242393	108.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	356408	50.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	251993	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	187053	46.125	ug/L 99
3) Chloromethane	1.25	50	230321	50.012	ug/L 98
5) Vinyl chloride	1.32	62	237445	48.871	ug/L 96
6) Bromomethane	1.53	94	159190	48.978	ug/L 96
8) Chloroethane	1.60	64	170476	50.882	ug/L 98
9) Trichlorofluoromethane	1.77	101	412257	50.198	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	197081	44.752	ug/L 97
12) 1,1-Dichloroethene	2.13	96	203769	47.796	ug/L 98
13) Acetone	2.22	43	175898	93.780	ug/L 97
14) Carbon disulfide	2.31	76	458738	44.217	ug/L 99
15) Methyl Acetate	2.46	43	201467	53.493	ug/L 100
16) Methylene chloride	2.52	84	200110	50.170	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	169555	47.460	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	647012	53.190	ug/L 99
19) 1,1-Dichloroethane	3.21	63	343166	51.521	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	203329	50.630	ug/L 95
22) 2-Butanone	4.02	43	283745	103.776	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	99649	50.405	ug/L	97
25) Chloroform	4.41	83	367836	51.723	ug/L	95
27) 1,2-Dichloroethane	5.16	62	298857	52.835	ug/L	100
29) Cyclohexane	4.70	56	278908	44.946	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	320733	48.353	ug/L	98
31) Carbon tetrachloride	4.86	117	262307	46.680	ug/L	99
33) Benzene	5.13	78	774025	49.979	ug/L	100
34) Trichloroethene	5.94	95	195341	47.017	ug/L	99
35) Methylcyclohexane	6.16	83	290149	44.525	ug/L	99
37) 1,2-Dichloropropane	6.20	63	200657	50.938	ug/L	99
38) Bromodichloromethane	6.53	83	286980	50.660	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	333273	50.095	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	604959	103.285	ug/L	99
42) Toluene	7.41	91	870016	50.042	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	320124	48.972	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	208296	52.487	ug/L	99
46) Tetrachloroethene	8.00	164	126464	46.001	ug/L	95
48) 2-Hexanone	8.16	43	474538	105.610	ug/L	99
49) Dibromochloromethane	8.27	129	220150	50.759	ug/L	99
50) 1,2-Dibromoethane	8.38	107	219492	50.904	ug/L	98
51) Chlorobenzene	8.90	112	552514	48.830	ug/L	98
52) Ethylbenzene	9.04	91	964663	49.204	ug/L	99
53) m,p-Xylene	9.16	106	370522	49.549	ug/L	99
54) o-xylene	9.57	106	374126	50.292	ug/L	98
55) Styrene	9.58	104	635958	50.098	ug/L	99
56) Isopropylbenzene	9.95	105	959670	49.007	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	343160	52.104	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	283355	51.989	ug/L	98
61) Bromoform	9.76	173	140018	51.814	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	409571	49.561	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	409486	48.546	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	418906	50.233	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	95983	52.312	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	256726	48.674	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	235119	46.916	ug/L	97
69) Naphthalene	13.53	128	1018260	50.971	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	248093	49.326	ug/L	98

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

