

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018666.D
 Acq On : 03 Oct 2020 19:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Oct 05 04:59:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310485	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306980	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81704	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.74%
7) Chloroethane-d5	1.58	69	69204	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.92%
11) 1,1-Dichloroethene-d2	2.13	63	186416	50.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.48%
21) 2-Butanone-d5	3.91	46	114446	84.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.26%
24) Chloroform-d	4.37	84	181373	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.05	65	117734	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.07	84	333110	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
36) 1,2-Dichloropropane-d6	6.09	67	103019	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.70%
41) Toluene-d8	7.34	98	316337	43.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.48%
43) trans-1,3-Dichloropropene-	7.64	79	54766	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.30%
47) 2-Hexanone-d5	8.11	63	76708	85.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135984	43.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	141192	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	90696	42.961	ug/L 99
3) Chloromethane	1.25	50	96821	42.861	ug/L 99
5) Vinyl chloride	1.32	62	121430	51.128	ug/L 100
6) Bromomethane	1.53	94	82698	51.161	ug/L 97
8) Chloroethane	1.60	64	74605	50.975	ug/L 99
9) Trichlorofluoromethane	1.77	101	195753	54.230	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	106125	52.529	ug/L 99
12) 1,1-Dichloroethene	2.13	96	102678	52.976	ug/L 98
13) Acetone	2.19	43	110139	93.856	ug/L 96
14) Carbon disulfide	2.31	76	274012	43.642	ug/L 100
15) Methyl Acetate	2.44	43	97846	43.280	ug/L 99
16) Methylene chloride	2.52	84	107150	46.061	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	102012	45.997	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	316847	46.890	ug/L 99
19) 1,1-Dichloroethane	3.21	63	185076	47.661	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	110291	46.793	ug/L 96
22) 2-Butanone	3.99	43	133760	90.231	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	60235	46.474	ug/L	99
25) Chloroform	4.40	83	198603	48.436	ug/L	99
27) 1,2-Dichloroethane	5.15	62	163158	51.052	ug/L	100
29) Cyclohexane	4.70	56	148643	42.455	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	181241	47.557	ug/L	98
31) Carbon tetrachloride	4.86	117	165456	48.374	ug/L	98
33) Benzene	5.13	78	417419	46.284	ug/L	100
34) Trichloroethene	5.94	95	120286	45.941	ug/L	98
35) Methylcyclohexane	6.15	83	145194	41.108	ug/L	99
37) 1,2-Dichloropropane	6.20	63	105264	45.493	ug/L	99
38) Bromodichloromethane	6.53	83	150065	48.428	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	164599	45.340	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	285632	95.667	ug/L	99
42) Toluene	7.41	91	463136	47.471	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	169739	47.597	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	107399	46.888	ug/L	97
46) Tetrachloroethene	8.00	164	96738	45.542	ug/L	99
48) 2-Hexanone	8.16	43	211887	90.956	ug/L	97
49) Dibromochloromethane	8.27	129	125265	47.813	ug/L	98
50) 1,2-Dibromoethane	8.37	107	116474	47.826	ug/L	99
51) Chlorobenzene	8.90	112	307807	46.636	ug/L	100
52) Ethylbenzene	9.03	91	504574	46.310	ug/L	100
53) m,p-Xylene	9.16	106	196699	46.714	ug/L	98
54) o-xylene	9.56	106	191635	48.070	ug/L	99
55) Styrene	9.58	104	341324	49.172	ug/L	97
56) Isopropylbenzene	9.95	105	492680	46.081	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	143588	44.473	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	130231	46.272	ug/L	99
61) Bromoform	9.75	173	92174	47.339	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	254018	46.304	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	260892	46.183	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	253306	46.674	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	32764	44.223	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	163498	43.025	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	154897	43.805	ug/L	99
69) Naphthalene	13.52	128	472260	46.656	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	170885	48.140	ug/L	98

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

