

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018011.D
 Acq On : 14 Aug 2020 20:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Aug 17 01:40:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	259060	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137974	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97137	49.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.28%
7) Chloroethane-d5	1.58	69	80680	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.78%
11) 1,1-Dichloroethene-d2	2.12	63	189779	50.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.38%
21) 2-Butanone-d5	3.91	46	124285	96.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	4.38	84	177596	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.06	65	116757	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.08	84	349444	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.09	67	112049	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.66%
41) Toluene-d8	7.34	98	320720	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	7.64	79	52201	50.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.30%
47) 2-Hexanone-d5	8.11	63	71050	96.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144712	48.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	130579	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95530	47.764	ug/L 99
3) Chloromethane	1.25	50	111353	47.929	ug/L 99
5) Vinyl chloride	1.32	62	116317	50.531	ug/L 98
6) Bromomethane	1.53	94	59868	43.516	ug/L 100
8) Chloroethane	1.60	64	74397	50.637	ug/L 100
9) Trichlorofluoromethane	1.76	101	161380	49.079	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	90968	49.547	ug/L 98
12) 1,1-Dichloroethene	2.13	96	88960	51.192	ug/L 98
13) Acetone	2.19	43	96447	72.128	ug/L 99
14) Carbon disulfide	2.31	76	248029	51.858	ug/L 100
15) Methyl Acetate	2.45	43	110140	51.040	ug/L 100
16) Methylene chloride	2.52	84	105232	47.533	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	92471	51.766	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	305190	51.660	ug/L 99
19) 1,1-Dichloroethane	3.21	63	184974	51.498	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	124017	63.177	ug/L 100
22) 2-Butanone	4.00	43	145541	97.022	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	54225	52.878	ug/L	97
25) Chloroform	4.40	83	188871	51.554	ug/L	100
27) 1,2-Dichloroethane	5.15	62	151576	51.980	ug/L	99
29) Cyclohexane	4.70	56	153133	49.814	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	160075	51.285	ug/L	99
31) Carbon tetrachloride	4.86	117	135282	52.064	ug/L	100
33) Benzene	5.13	78	403008	51.142	ug/L	100
34) Trichloroethene	5.94	95	115766	55.578	ug/L	99
35) Methylcyclohexane	6.15	83	153161	49.450	ug/L	100
37) 1,2-Dichloropropane	6.20	63	109799	51.093	ug/L	100
38) Bromodichloromethane	6.53	83	138267	51.799	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	158319	51.968	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	291020	103.591	ug/L	100
42) Toluene	7.41	91	431839	52.517	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	152501	52.759	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	101801	51.152	ug/L	99
46) Tetrachloroethene	8.00	164	80163	52.476	ug/L	99
48) 2-Hexanone	8.16	43	224578	99.134	ug/L	99
49) Dibromochloromethane	8.27	129	104917	54.010	ug/L	98
50) 1,2-Dibromoethane	8.37	107	106016	51.487	ug/L	99
51) Chlorobenzene	8.90	112	274596	51.923	ug/L	99
52) Ethylbenzene	9.03	91	468912	52.300	ug/L	99
53) m,p-Xylene	9.16	106	176743	53.597	ug/L	98
54) o-xylene	9.56	106	169916	52.141	ug/L	97
55) Styrene	9.58	104	305383	54.722	ug/L	100
56) Isopropylbenzene	9.95	105	457548	53.222	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	154187	49.753	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	133688	50.371	ug/L	100
61) Bromoform	9.75	173	69501	53.236	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	223835	51.017	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	229024	50.813	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	225141	49.855	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33390	50.183	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	171477	51.449	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	157660	53.803	ug/L	100
69) Naphthalene	13.52	128	450427	55.769	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	165534	55.549	ug/L	99

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

