

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110620\
 Data File : VV019257.D
 Acq On : 04 Nov 2020 20:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Quant Time: Nov 05 05:00:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 09:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243448	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238484	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	129071	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77785	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	67687	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.96%
11) 1,1-Dichloroethene-d2	2.12	63	162929	46.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.68%
21) 2-Butanone-d5	3.90	46	117384	113.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.31%
24) Chloroform-d	4.38	84	166989	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.05	65	115921	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
32) Benzene-d6	5.07	84	301485	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
36) 1,2-Dichloropropane-d6	6.09	67	94664	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.34	98	281105	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%
43) trans-1,3-Dichloropropene-	7.64	79	52415	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.11	63	82659	108.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.29%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	129055	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
66) 1,2-Dichlorobenzene-d4	11.65	152	121017	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	76259	51.131	ug/L 99
3) Chloromethane	1.25	50	80540	51.861	ug/L 98
5) Vinyl chloride	1.32	62	88349	54.653	ug/L 98
6) Bromomethane	1.53	94	58519	53.864	ug/L 100
8) Chloroethane	1.60	64	58690	55.512	ug/L 97
9) Trichlorofluoromethane	1.76	101	145597	54.405	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	70973	55.815	ug/L 99
12) 1,1-Dichloroethene	2.13	96	71339	54.281	ug/L 99
13) Acetone	2.19	43	83631	106.155	ug/L 99
14) Carbon disulfide	2.31	76	189942	50.331	ug/L 99
15) Methyl Acetate	2.44	43	86132	56.425	ug/L 98
16) Methylene chloride	2.52	84	81568	52.210	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	74762	52.437	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	263556	52.588	ug/L 99
19) 1,1-Dichloroethane	3.21	63	149031	53.350	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	82939	52.640	ug/L 97
22) 2-Butanone	3.99	43	114015	114.011	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	44825	51.669	ug/L	95
25) Chloroform	4.40	83	157856	52.708	ug/L	99
27) 1,2-Dichloroethane	5.15	62	133891	52.593	ug/L	98
29) Cyclohexane	4.70	56	108764	53.293	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	144234	52.148	ug/L	99
31) Carbon tetrachloride	4.85	117	125233	52.439	ug/L	99
33) Benzene	5.13	78	316385	53.382	ug/L	100
34) Trichloroethene	5.94	95	83809	52.034	ug/L	100
35) Methylcyclohexane	6.15	83	101121	51.870	ug/L	98
37) 1,2-Dichloropropane	6.20	63	81229	51.354	ug/L	100
38) Bromodichloromethane	6.53	83	119115	52.327	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	128660	50.835	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	236046	111.085	ug/L	99
42) Toluene	7.41	91	341986	53.383	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	137016	52.830	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	80871	51.728	ug/L	97
46) Tetrachloroethene	8.00	164	67290	51.202	ug/L	99
48) 2-Hexanone	8.16	43	182416	113.549	ug/L	99
49) Dibromochloromethane	8.27	129	97652	52.375	ug/L	99
50) 1,2-Dibromoethane	8.37	107	85426	52.716	ug/L	99
51) Chlorobenzene	8.90	112	224838	52.468	ug/L	99
52) Ethylbenzene	9.03	91	377991	53.479	ug/L	98
53) m,p-Xylene	9.16	106	141707	53.553	ug/L	97
54) o-Xylene	9.56	106	138476	53.091	ug/L	98
55) Styrene	9.58	104	253406	54.581	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.26	83	122374	51.739	ug/L	99
59) Bromoform	9.75	173	75007	52.361	ug/L	99
60) Isopropylbenzene	9.95	105	367791	54.369	ug/L	100
61) 1,2,3-Trichloropropane	10.29	75	106249	52.986	ug/L	98
62) 1,3,5-Trimethylbenzene	10.56	105	306852	54.462	ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	300874	54.575	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	185091	52.309	ug/L	98
65) 1,4-Dichlorobenzene	11.29	146	188606	51.521	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	188349	52.030	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.45	75	30894	52.811	ug/L	96
69) 1,3,5-Trichlorobenzene	12.67	180	131521	51.787	ug/L	99
70) 1,2,4-trichlorobenzene	13.28	180	125490	52.513	ug/L	100
71) Naphthalene	13.52	128	376255	55.827	ug/L	100
72) 1,2,3-Trichlorobenzene	13.77	180	129505	54.668	ug/L	99

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

