

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018695.D
 Acq On : 06 Oct 2020 17:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Oct 07 07:17:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268183	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93935	59.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.44%
7) Chloroethane-d5	1.58	69	76743	59.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.02%
11) 1,1-Dichloroethene-d2	2.12	63	188454	58.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.62%
21) 2-Butanone-d5	3.91	46	118302	100.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	4.37	84	179741	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
26) 1,2-Dichloroethane-d4	5.05	65	120891	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.98%
32) Benzene-d6	5.07	84	336259	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.04%
36) 1,2-Dichloropropane-d6	6.09	67	102182	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.52%
41) Toluene-d8	7.33	98	373661	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	7.64	79	64075	50.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.44%
47) 2-Hexanone-d5	8.11	63	83595	93.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	155482	49.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	152862	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	81603	44.751	ug/L	97
3) Chloromethane	1.25	50	102209	52.383	ug/L	99
5) Vinyl chloride	1.32	62	109074	53.170	ug/L	99
6) Bromomethane	1.53	94	74025	53.019	ug/L	99
8) Chloroethane	1.60	64	69319	54.834	ug/L	99
9) Trichlorofluoromethane	1.76	101	170297	54.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	96287	55.177	ug/L	95
12) 1,1-Dichloroethene	2.13	96	89244	53.308	ug/L	96
13) Acetone	2.20	43	128506	126.781	ug/L	98
14) Carbon disulfide	2.31	76	246088	45.377	ug/L	100
15) Methyl Acetate	2.45	43	90071	46.125	ug/L	100
16) Methylene chloride	2.52	84	96001	47.778	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	90032	46.998	ug/L	95
18) Methyl tert-butyl Ether	2.78	73	283203	48.522	ug/L	97
19) 1,1-Dichloroethane	3.21	63	165479	49.336	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	97917	48.096	ug/L	94
22) 2-Butanone	4.00	43	136769	106.814	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	51707	46.187	ug/L	96
25) Chloroform	4.40	83	179406	50.656	ug/L	98
27) 1,2-Dichloroethane	5.15	62	144358	52.294	ug/L	98
29) Cyclohexane	4.70	56	140211	39.835	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	161688	42.202	ug/L	98
31) Carbon tetrachloride	4.85	117	142478	41.436	ug/L	99
33) Benzene	5.12	78	363841	40.130	ug/L	100
34) Trichloroethene	5.94	95	108914	41.378	ug/L	98
35) Methylcyclohexane	6.15	83	133188	37.509	ug/L	96
37) 1,2-Dichloropropane	6.19	63	94421	40.591	ug/L	99
38) Bromodichloromethane	6.53	83	138224	44.370	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	175926	48.204	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	309748	103.195	ug/L	97
42) Toluene	7.41	91	483839	49.330	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	180747	50.416	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	112020	48.646	ug/L	98
46) Tetrachloroethene	7.99	164	92571	43.350	ug/L	96
48) 2-Hexanone	8.16	43	246358	105.194	ug/L	97
49) Dibromochloromethane	8.26	129	125621	47.696	ug/L	99
50) 1,2-Dibromoethane	8.37	107	119081	48.637	ug/L	99
51) Chlorobenzene	8.90	112	317534	47.855	ug/L	98
52) Ethylbenzene	9.03	91	534189	48.769	ug/L	99
53) m,p-Xylene	9.16	106	208029	49.143	ug/L	97
54) o-xylene	9.56	106	193864	48.372	ug/L	97
55) Styrene	9.58	104	348037	49.874	ug/L	96
56) Isopropylbenzene	9.95	105	510798	47.523	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	151910	46.802	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	139103	49.163	ug/L	99
61) Bromoform	9.75	173	83168	45.104	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	253907	48.874	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	260278	48.653	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	252288	49.088	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	32351	46.110	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	142751	39.668	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	124915	37.303	ug/L	99
69) Naphthalene	13.52	128	403582	42.103	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	128360	38.184	ug/L	98

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

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