

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\
 Data File : VV015395.D
 Acq On : 03 Apr 2020 11:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Apr 04 00:07:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 15:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	697422	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	678929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	333248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	282059	45.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	244662	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	535613	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
21) 2-Butanone-d5	3.94	46	336021	101.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.10%
24) Chloroform-d	4.38	84	489328	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	304199	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.08	84	981247	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.09	67	293221	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.34	98	966589	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%
43) trans-1,3-Dichloropropene-	7.64	79	156804	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.08%
47) 2-Hexanone-d5	8.12	63	257037	91.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	421843	48.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	369147	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	273623	43.384	ug/L	98
3) Chloromethane	1.25	50	251343	42.286	ug/L	98
5) Vinyl chloride	1.32	62	295664	47.490	ug/L	100
6) Bromomethane	1.53	94	189415	46.024	ug/L	96
8) Chloroethane	1.60	64	165797	38.765	ug/L	99
9) Trichlorofluoromethane	1.76	101	418213	35.529	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	231289	43.970	ug/L	99
12) 1,1-Dichloroethene	2.13	96	221922	44.458	ug/L	89
13) Acetone	2.22	43	261486	119.856	ug/L	97
14) Carbon disulfide	2.31	76	572122	41.442	ug/L	99
15) Methyl Acetate	2.46	43	204590	42.819	ug/L	97
16) Methylene chloride	2.52	84	225954	42.803	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	209332	43.931	ug/L	97
18) Methyl tert-butyl Ether	2.79	73	689599	43.900	ug/L	99
19) 1,1-Dichloroethane	3.21	63	371851	42.890	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	237196	43.503	ug/L #	97
22) 2-Butanone	4.02	43	329456	102.073	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	120974	43.931	ug/L	97
25) Chloroform	4.41	83	414400	44.078	ug/L	100
27) 1,2-Dichloroethane	5.16	62	306466	43.281	ug/L	99
29) Cyclohexane	4.70	56	348519	43.146	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	376005	43.098	ug/L	99
31) Carbon tetrachloride	4.85	117	326290	43.744	ug/L	100
33) Benzene	5.13	78	897748	44.675	ug/L	100
34) Trichloroethene	5.94	95	235060	44.177	ug/L	100
35) Methylcyclohexane	6.15	83	387402	44.440	ug/L	97
37) 1,2-Dichloropropane	6.20	63	212946	43.177	ug/L	100
38) Bromodichloromethane	6.53	83	315718	43.665	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	366238	44.188	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	609044	87.843	ug/L	100
42) Toluene	7.41	91	995000	44.553	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	356857	44.309	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	229970	44.218	ug/L	98
46) Tetrachloroethene	8.00	164	178045	46.675	ug/L	96
48) 2-Hexanone	8.16	43	485461	92.464	ug/L	99
49) Dibromochloromethane	8.27	129	254564	44.694	ug/L	99
50) 1,2-Dibromoethane	8.37	107	249654	44.968	ug/L	99
51) Chlorobenzene	8.90	112	660168	45.103	ug/L	98
52) Ethylbenzene	9.03	91	1113872	44.436	ug/L	99
53) m,p-Xylene	9.16	106	443427	45.940	ug/L	100
54) o-xylene	9.57	106	438775	45.382	ug/L	100
55) Styrene	9.58	104	744240	46.290	ug/L	99
56) Isopropylbenzene	9.96	105	1126076	44.962	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	364527	43.658	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	295369	44.353	ug/L	99
61) Bromoform	9.76	173	164957	44.315	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	510273	45.483	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	515484	45.304	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	511800	44.727	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	92464	40.923	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	343647	46.219	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	319441	47.036	ug/L	97
69) Naphthalene	13.53	128	1190326	45.845	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	320962	45.879	ug/L	99

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

